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BULLETIN OF THE

MISSOURI STATE NORMAL SCHOOL

THIRD DISTRICT

A STATE COLLEGE
CAPE GIRARDEAU, MO.



CATALOGUE 1915

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BULLETIN
of the
STATE NORMAL SCHOOL
THIRD DISTRICT

A COLLEGE FOR TEACHERS

Vol. 16

JUNE, 1915

No. 1

CATALOGUE
for 1914-1915

ANNOUNCEMENTS
for 1915-1916

CAPE GIRARDEAU, MISSOURI

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CALENDAR—1915.

January.							May.							September.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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10	11	12	13	14	15	16	9	10	11	12	13	14	15	12	13	14	15	16	17	18
17	18	19	20	21	22	23	16	17	18	19	20	21	22	19	20	21	22	23	24	25
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February.							June.							October.						
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14	15	16	17	18	19	20	13	14	15	16	17	18	19	10	11	12	13	14	15	16
21	22	23	24	25	26	27	20	21	22	23	24	25	26	17	18	19	20	21	22	23
28	—	—	—	—	—	—	27	28	29	30	—	—	—	24	25	26	27	28	29	30
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April.							August.							December.						
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11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
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CALENDAR—1916.

January.							May.							September.						
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9	10	11	12	13	14	15	14	15	16	17	18	19	20	19	11	12	13	14	15	16
16	17	18	19	20	21	22	21	22	23	24	25	26	27	17	18	19	20	21	22	23
23	24	25	26	27	28	29	28	29	30	31	—	—	—	24	25	26	27	28	29	30
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February.							June.							October.						
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13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	—	—	—	—	25	26	27	28	29	30	—	29	30	31	—	—	—	—
March.							July.							November.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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19	20	21	22	23	24	25	16	17	18	19	20	21	22	19	20	21	22	23	24	25
26	27	28	29	30	31	—	23	24	25	26	27	28	29	26	27	28	29	30	—	—
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April.							August.							December.						
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9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	29	30	31	—	—	24	25	26	27	28	29	30
30	—	—	—	—	—	—	—	—	—	—	—	—	—	31	—	—	—	—	—	—

CALENDAR.

1915

Tuesday and Wednesday, September 14 and 15—

Registration and Classification

Thursday, September 16-----Recitations begin

Thursday, November 25-----Thanksgiving

Saturday, December 4-----First term ends

Tuesday, December 7-----Second term begins

Thursday, December 23, at noon-----Holiday recess begins

1916

Tuesday, January 4-----Recitations resumed

Monday, January 17-----Dramatic Club Play

Monday, January 24-----Oratorical Contest

Tuesday, February 22—

Annual Benton-Webster and Clio-Sorosis Debates

Saturday, March 4-----Second term ends

Tuesday, March 7-----Third term begins

Monday, March 13-----Dramatic Club Play

Saturday, April 1-----Material for Oliver Prize Contest submitted

Saturday, April 29-----Oliver Prize Contest

Monday, May 8-----Inter-School Debates

Saturday, May 13—

Annual Southeast Missouri High School Athletic and
Oratorical Meet

Saturday, May 27-----Senior Reception

Sunday, May 28-----Baccalaureate Sermon

Monday, May 29-----Contests, Faculty Medal and Regents' Medal

Tuesday, May 30-----Class Day

Wednesday, May 31-----May Festival and Alumni Day

Thursday, June 1-----Commencement Day

Monday, June 5-----Summer term begins

Saturday, August 12-----Summer term ends

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KINDERGARTEN METHOD.

* On leave of absence.

† For year 1915-'16.

‡ For year 1914-'15.

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CHARLES ARMGARDT,
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† For year 1915-16.

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COURSE OF STUDY—Dearmont, Chairman; Johnson, Lewis, Dunn, Moore, Doeden, Roberts, Vaeth, Babcock, Riggs, Vaughan, Lamb, Martin, Douglass, Sitze, Cobb, Magill, Logan, McCarty; Misses Johnson, Marston, Knepper, Shilling, Flint, Wilburn, Shea, Smith, Howarth, Newman, Hallingby, Wilson, Kent, Mrs. Hunt.

CREDITS AND GRADUATION—B. F. Johnson, Chairman; Dearmont, Douglass, Roberts, Lewis, Vaeth, Miss Shea.

DORMITORIES—Dearmont, Chairman; Sitze, Johnson, Roberts.

EXHIBITS FOR STATE AND COUNTY FAIRS—Martin, Chairman; Lamb, Babcock, Logan, Sitze; Misses Shilling, Wilburn.

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SCHEDULE—Miss Knepper, Chairman; Lewis, Roberts, Vaeth.

SELF HELP—Douglass, Chairman; Douglass, Vaughan, White, Cobb, Carter, Doeden, Roberts, Logan; Misses Tyler, Howarth, Wilson, Marston, Wheeler.

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TEACHERS' POSITIONS—Martin, Chairman; Lewis, Johnson, Doeden, Carter, Miss Shea.

GENERAL INFORMATION.

HISTORICAL.

The Missouri State Normal School of the Third District was established by an Act of the Legislature which was approved March 22, 1873. This Act created a Board of Regents for the management of the institution. After due public notice, bids were received by the Regents for the location of the School, and they decided in favor of Cape Girardeau. The site for the building was selected December 3, 1873.

It was decided to open the School without delay, and arrangements were made for the temporary use of the public school building. The new building was ready for occupancy early in the year 1875. In 1883 it was necessary to enlarge the auditorium, and in 1895 two wings were added, in order to meet the demand for enlarged facilities.

On September 9, 1901, the Board of Regents let the contract for a Science and a Training School building, for which an appropriation of \$20,000 had been made by the Legislature of that year.

On the night of April 7, 1902, the main building was burned, and it became necessary to resort again to temporary arrangements in order to carry on the regular work of the School. The Board of Regents made use of a part of the insurance funds for erecting another building similar to Science Hall, and it was completed September 1, 1903.

The General Assembly of the year 1903 appropriated the sum of \$200,000 for the erection of a new main building, the present Academic Hall. Later, in 1905, an additional appropriation of \$100,186 was made for the purpose of completing and furnishing the new building, erecting a power house and Manual Training building, grading the grounds, and equipping the library. The new buildings were dedicated May 24, 1906, with appropriate ceremonies.

The General Assembly of 1911 appropriated the sum of \$85,000 for Leming and Albert Halls, which are now the property of the Normal School.

LOCATION.

THE CITY.

The Missouri State Normal School of the Third District is located in Cape Girardeau, a progressive city of ten thousand

inhabitants. Cape Girardeau is a place of genuine historic interest. It is one of the oldest towns in the state, having been founded in 1796, by Don Louis Lorimier, who is buried here. Under Spanish dominion it was an important military and trading post. It could lay claim over half a century ago to being an educational center, for St. Vincent's College was founded here in 1843. These early efforts, and others of a later time, have given to the city a character peculiar to educational centers. Now the Normal School is its chief educational institution and is much cherished by its people. The recent civic development has been extensive in the way of paved streets, gas, better electric light and water facilities, and sewers. The city has a good electric street car system and extensive manufacturing interests, which place it among the first in the line of commercial progress.

HEALTHFULNESS.

Cape Girardeau is noted for its delightful climate and the health of its people. The climate is characterized by cool and moderately dry falls, mild winters, beautiful springs, and summers whose heat is not excessive. The soil of the city and surrounding country is a loess of great depth, glacial in origin. The drainage through this loose, unstratified soil is perfect, and frees the city and surrounding country from all damp, undrained spots and pools of standing water. In addition to the character of the soil, the city is so located that its surface drainage is remarkably perfect. The drainage from its sloping hills finds a ready outlet to the great river, by which it is quickly swept away. No other school town in Missouri is so favorably located with reference to drainage and all those conditions that naturally promote clean and healthful surroundings. The school is supplied with water from a deep well recently bored to a depth of 1500 feet, which yields an abundant supply of pure water of excellent quality which is used in all the Normal School buildings, including the dormitories.

ACCESSIBILITY.

Cape Girardeau is easily accessible from nearly the entire Normal School District. The St. Louis, Memphis & Southeastern extends along the entire eastern border of the district. The Frisco System has three other lines extending from Cape Girardeau to the limits of the district on the south and west. Besides the Frisco, Cape Girardeau is connected with St. Louis by the Mississippi steamers. The Cotton Belt and several Iron Mountain lines are closely connected with Cape Girardeau by the Frisco and

Houck lines. The Cape Girardeau, Perryville & Chester Railroad gives the school new connection with the Iron Mountain, and Illinois Central, and direct connection with St. Louis and several counties. Students may leave their home county in the morning and reach Cape Girardeau by rail the same day from every county in the district.

MORAL AND RELIGIOUS ATMOSPHERE.

Cape Girardeau has nine churches. The Christian people of the city realize their responsibility to the parents who send their children here, and to the young men and young women who come to the Normal School, and so they assist in throwing around the student body the best Christian influences. The earnest, sincere religious character of the members of the Faculty is recognized by all who know them. Nearly all the members of the Faculty are active workers in their several churches, Sunday schools, and other religious organizations.

FIELD OF SERVICE.

A SCHOOL FOR TEACHERS.

According to the statutes of Missouri, the Normal Schools are founded to fit young men and young women to be "competent teachers in the public schools of this state." To prepare competent teachers for the public schools of Missouri, the Normal School must stress both professional and academic subjects.

As a professional school, courses are offered in the History of Education, Psychology and Child Study, Ethics, Philosophy of Education, School Supervision, Methods, and other pedagogical subjects. As a necessary part of the preparation of teachers in the rural and graded schools, Vocal Music, Drawing, Manual Training, Reading, Domestic Science, Agriculture, Library Science and Commercial subjects are offered. In order to give practical as well as theoretical training for teaching, a Training School is maintained. The conditions in the Training School are made as nearly ideal as possible. What the laboratory and library are to the student in academic work, the Training School is to him in his pedagogical work. By observation and teaching in the Training School, the young teacher must test the pedagogical theories that he gains from his lectures and studies in pedagogy.

SUB-COLLEGIATE.

A service not less valuable than the professional must be rendered by this institution in providing academic instruction for

those who come here. This institution must of necessity be adapted to the needs of the section which is served by this Normal School. More than two-thirds of the teachers of Missouri have not completed a high school course or its equivalent. For the benefit of these teachers, and other students needing a preparatory course, elementary courses are offered. These courses are so organized that they can be taken, if it is desirable, in connection with the appropriate professional studies.

A STATE COLLEGE.

The larger mission of this institution is that of a state college for teachers, and while rendering this service a peculiar condition has forced it to become more than a college for teachers only. The large section of the state extending from St. Louis to Arkansas, and from the Mississippi River westward to Springfield has within it no other institution of college rank, or which has the equipment for doing work of college grade. The twenty-seven counties and the city of St. Louis comprising this Normal School district extend from the Missouri River to Arkansas, and from the Mississippi River westward about one hundred and twenty miles. This great section of the state, now rapidly increasing in wealth and population, must look to this Normal School as its one college. Here the young men and young women of Southeast Missouri will get their college training, if they get any at all. Only a small per cent of college students go more than one hundred miles from their homes. Consequently the conditions confronting this Normal School differ from those of any of the other similar institutions in the state. In undertaking to meet these conditions there is no purpose or wish to interfere with the field occupied by any other institution within the state. Neither is there any spirit of competition or rivalry. There is work enough for all. Realizing the greatness of the opportunity and the seriousness of the responsibility, this institution is doing its utmost to prove equal to the demands which are made upon it. In this great undertaking the Missouri State Normal School appeals to the pride and loyalty of the people of Southeast Missouri for sympathy and co-operation.

EQUIPMENT.

THE SITE.

The Normal School campus consists of fifty-five acres in the northwestern part of the city, on a high ridge which overlooks the Mississippi River. The position of the buildings gives them a commanding appearance, bringing out in strong relief the massive

beauty of their architecture. In the rear, some deep wooded ravines, studded with rugged rocks, add a feature of picturesqueness to the situation.

BUILDINGS.

The Normal School has a group of six modern buildings: Academic Hall, Science Hall, the Training School building, the Manual Training building, Albert Hall, which is a dormitory for men, and Leming Hall, a dormitory for women.

Academic Hall is a three-story stone building built of Cape Girardeau white limestone, a most beautiful stone. The building has a frontage of two hundred and sixty feet with a depth of one hundred and eighty-six feet. On the first floor are two gymnasiums, eighty feet by forty feet by nineteen feet, ample locker rooms, toilet rooms, bath rooms, an art room, music room, and five recitation rooms. On the main floor are five offices, a ladies' parlor, a faculty room, two literary society halls, an auditorium having a seating capacity of fifteen hundred, a library section ninety feet by sixty-five feet, and a statuary and art hall. The third floor has four literary society halls and fourteen recitation rooms. The building is heated by indirect steam heat, ventilated by electric fans, and all rooms are connected by an automatic telephone system. It is elegantly finished and furnished, and is probably the best single school building in the state.

Science Hall contains laboratories for Physics, Chemistry, Biology, Physical Geography, Agriculture, and Psychology. In addition there is a sewing room, a dining room, and a kitchen for the department of Domestic Science and Domestic Art. It is a thoroughly equipped modern science building.

The **Training School** building is a model school building for a public graded school. It has in addition to study and recitation rooms, an assembly room, a gymnasium, a swimming pool, a manual training room, toilet rooms and locker rooms. It is designed to have all the conveniences of a model school building. Recently a model library has been added to the equipment.

The **Manual Training** building is a three-story stone building, ninety feet by forty-seven feet. The basement story is occupied by the heating and power plant of the entire group of buildings. On the main floor are an art metal room, a forge room, a room for hand work, a mechanical-drawing room, a lavatory, and locker rooms. On the second floor are pattern and carpenter shops.

Albert Hall, a dormitory for young men, is a three-story stone building, suitably furnished, lighted by electricity, heated by steam, and has on each floor two toilet rooms and two bath rooms. On the basement floor are the dining rooms, kitchen, cold storage rooms, laundry, trunk room, servants' rooms and furnace room. On the main floor are the parlors, twenty students' rooms, and toilet and bath rooms. On the third floor there are twenty-four students' rooms, and toilet and bath rooms.

Leming Hall, a dormitory for young women, is a four-story stone building. On the basement floor are the boiler room, laundry, trunk room, and rooms for servants. On the first floor are kitchen, cold storage room, dining room, toilet and bath rooms, and ten rooms for students. On the second floor are parlors, twenty rooms for students, bath and toilet rooms; on the third floor twenty-four rooms for students, and bath and toilet rooms.

THE LIBRARY.

The library now numbers ten thousand bound volumes and ten thousand pamphlets. The books have been carefully selected with reference to the needs of the various departments. They comprise the standard works in literature, history, science, philosophy, pedagogy, art, and general works of reference, including dictionaries, encyclopedias, atlases, books of quotations, helps to reading, biographies, etc. In addition to these there is a fairly complete collection of the more important public documents, and a number of bound volumes of the standard magazines.

The Training School Library has been thoroughly organized and is now operated as a branch of the General Library. It contains about two thousand books and eight hundred pamphlets.

The general library occupies the entire first floor of the east wing of Academic Hall, as well as one large room on the ground floor. This space of about seven thousand square feet is divided into a packing and binding room, a stack room, a newspaper and magazine room and a general reading room, which seats about two hundred. The furniture and equipment is all new and of the most approved design.

Free access to the stacks is given to all students and a complete card catalogue, comprising author, title and subjects entries is provided. The library is open on Mondays from 8 a. m. to 4 p. m. and on other days from 7:45 a. m. to 5 p. m.

Two hundred and forty-eight periodicals are received by the library. They are placed in the special newspaper and magazine room until read, and are then filed for reference.

THE HOUCK COLLECTION OF STATUARY.

The Normal School received from Hon. Louis Houck the gift of a most valuable collection of statuary. This collection was a part of the German Educational exhibit at the World's Fair, St. Louis, 1903-'04, and is the work of Mr. August Gerber, of Cologne, Germany, an artist now deceased, who enjoyed a high reputation throughout Europe. The pieces are mainly reproductions of the great masterpieces, done in such a manner as to present the exact bronze or marble appearance of the originals.

In accordance with the agreement made with Mr. Gerber, he personally directed the work of placing this collection in Art and Statuary Hall, at the west end of the main floor of Academic Hall. It is a most useful adjunct to the work of the Classical and Art departments.

THE BECKWITH INDIAN COLLECTION.

A short time before his death in 1913, Mr. Thomas Beckwith, of Charleston, Missouri, gave to the Missouri State Normal School, Cape Girardeau, his collection of pottery, flints, stone implements, and other material illustrative of the life of the ancient inhabitants of this region. This great collection, now installed in a large, well-fitted room on the upper floor of Academic Hall, is the result of the arduous labor of many years of a most careful, discriminating and enthusiastic student of Indian archæology, working in one of the richest localities known in the United States. In its thousands of household utensils, weapons of war, the chase, agricultural implements, ornaments and objects of worship, it shows how a very unusual opportunity for collecting was improved by a man who was patient and persistent in his efforts to preserve whatever bears on the aboriginal occupation of this region.

With clear purpose, Mr. Beckwith kept his main collection strictly local in character, gathering and keeping with the utmost care everything indicative of early life in the Saint Francois basin in Southeast Missouri, refusing exchanges from other parts of the world. The result is a large amount of unified material, every item of which — no matter how small or great — is significant. There is probably no more complete or valuable single local Indian collection in the country.

Much other interesting and valuable material of a more or less miscellaneous nature, accumulated by Mr. Beckwith, which he kept apart from the main body, was also included in his gift to the school.

SCHOLARSHIPS AND PRIZES.

REGENTS' SCHOLARSHIPS.

The Board of Regents has established three scholarships, each worth one hundred dollars a year. These scholarships are open to students on the following conditions:

1. The student must be a graduate of the Advanced Professional Department of this Normal School, of a college of the Missouri College Union, or of some other approved college.
2. He must have graduated with high rank.
3. He must be a resident of this Normal District.
4. No student will be permitted to hold a scholarship for more than two years.

THE OLIVER PRIZES.

The Board of Regents has received for the Normal School a gift of one thousand dollars from the Hon. R. B. Oliver to found two prizes. One of these, the prize in oratory, is open to the young men, and the other, the prize in essay, to the young women of the graduating class. The award is made on the following points:

1. The candidate's literary and scholastic attainments shall count one point.
2. The candidate's character, broadly considered, "embracing his or her qualities of manhood or womanhood, truth, courage, devotion to duty, sympathy for the protection of the weak, kindness, unselfishness and fellowship, and his or her exhibition during school days of moral force of character," shall count one point.
3. The oration or essay shall count one point.

THE REGENTS' MEDAL.

The Regents' Medal is offered for the best declamation by a young man, a student of the school. The contest is held during Commencement week each year.

THE FACULTY MEDAL.

The Faculty Medal is offered for the best recitation by a young lady, a student of the school. The contest is held during Commencement week each year.

DEBATING CUPS.

The Southeast Missouri Trust Company has presented to the young men, and Mr. David A. Glenn has presented to the young women of the school, each an elegant silver loving cup to mark every year supremacy in debate.

SCHOOL ORGANIZATIONS.

STUDENT ORGANIZATIONS.

Under the general supervision of the Committee on Literary Societies a variety of student organizations offer opportunity for valuable training outside the regular classroom. Besides those named below, there are each year others created to meet temporary needs.

The Capaha Arrow. The student paper presents each week a statement of the principal events in the life of the school and offers through its editorial and literary departments opportunity for discussion of those problems of citizenship which must be met and solved by the students in a large school community. The editors are elected by a governing board composed of students, alumni, and faculty members. Any student, however, may enter competition for a position as reporter and thus secure valuable newspaper training. Talks on newspaper writing are given frequently before the staff by members of the Faculty and newspaper men of the community.

The Sagamore. The Senior Class of 1914 inaugurated the publishing of a book designed to present in attractive form the faces, the events and the aspirations of each school year. The staff of editors is chosen from the senior class by a board of control consisting of five seniors, three faculty members, and three alumni.

The General Literary Societies. Five Literary Societies offer to the students of the Normal School general training in public speaking and the conduct of assemblies. The Benton and the Webster Societies are open to young men, the Clio, Sorosis and Hesperian Societies are conducted by young women. Four of these societies occupy handsomely furnished halls.

The Current History Club. A group of students and members of the Faculty meets bi-weekly to discuss problems of history closely related to the leading events of the day. Membership is open to all those who are interested.

The Schiller Verein. The object of this society is to afford students doing work in German, an opportunity to practice speaking German, and also to create an interest in the study of the literature and the manners and customs of the Germans. The society holds weekly meetings, at which its members engage in singing, debating, declaiming, reading and other literary work.

The work is similar to that done in other literary societies, except that it is done in German.

All students taking work in German are urged to become members of this society.

The Dramatic Club. All students desiring to profit by the study and the public presentation of dramatic literature are given opportunity to secure membership in the Dramatic Club through a series of competitive trials held each term. This organization presents a literary program each fortnight, and stages annually two plays of superior merit. With co-operation from the general literary societies it provides revenue for conducting the public speaking contests in the school.

PUBLIC SPEAKING CONTESTS.

The Public Speaking Council, consisting of two executive members appointed by the President of the school, and two voting members—one student and one member of the Faculty—elected by each of the general literary societies, is in charge of all the literary contests of the school, except the contest for the Oliver Prizes and the Regents' and Faculty Medals. These contests are conducted directly by the Faculty.

Annual Oratorical Contest. On the last Monday of January each year, an oratorical contest is held to select a representative in the inter-normal oratorical contest, which is held annually the third Friday in March. Each contestant in the local contest must present to the committee in charge, three weeks in advance, four typewritten copies of an original oration not exceeding two thousand words in length.

Inter-School Debates. The Normal Schools at Kirksville, Cape Girardeau and Springfield conduct a triangular debating contest. Early in May of each year each school is represented by two teams of debaters, one defending the affirmative and the other the negative of the same proposition. The three debates are held at the three schools on the same night. The proposition for discussion is announced at Cape Girardeau regularly on Washington's birthday. Competition for a place on the team is open to all regular students in school. The trials are held the first Monday following the opening of the spring term.

Inter-Society Debates. The Southeast Missouri Trust Company has presented to the young men, and Mr. David A. Glenn has presented to the young women of the school, an elegant silver loving cup to mark each year supremacy in debate. Five debates

are held in each series. Thus opportunity is given for at least sixteen students to secure excellent experience in public speaking.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

This organization has as its purpose the strengthening of the Christian character of the men of the institution. It endeavors as nearly as possible to replace the Christian influence of the home while the men are here attending the Normal School, and to form in them habits of Christian living. This organization is under the control of students and is heartily endorsed and supported by the Faculty. It dates its existence in this school from March 2, 1902, and is the same as found in other institutions of learning.

Devotional meetings, which are led by students, are held weekly. From time to time these meetings are addressed by prominent professional and business men of the city and on such occasions the entire student body is invited. In addition to these public meetings, there are a number of Bible classes which meet weekly and study, in a systematic way, the Word of God without regard to any religious denomination or creed. These classes are led by students who have had special training in such work at the Y. M. C. A. conference which is held each summer at Lake Geneva, Wisconsin.

At the beginning of each term a committee from the Y. M. C. A., to be recognized by their badges, meets the students at the trains and renders them all possible assistance in securing board and in becoming acquainted in the city. The committee will meet students at any time. Any correspondence addressed to the President of the Young Men's Christian Association, Cape Girardeau, care of the Normal School, will receive prompt and careful attention.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

The Young Women's Christian Association of this school has for its purpose the spiritual development of the girls and the promotion of social service among them.

Devotional meetings are held weekly and special classes are organized for the systematic study of the Bible and Christian missions. The whole trend of the work follows the spirit of their motto: "‘Not by Might nor by Power, but by My Spirit,’ saith the Lord of Hosts."

At the beginning of each term members of the Association meet the trains and will assist new girls in finding boarding places or render any other possible service. Any desired information

may be secured by addressing the President of the Young Women's Christian Association, Cape Girardeau, care of the Normal School.

ALUMNI ASSOCIATION.

The purpose of the Association is to keep the school in touch with its graduates and former students; to acquaint them with its work, its plans and its needs; to further their interests in all possible ways; and to promote fellowship and association among them by providing opportunity for their meetings. Its members are of two classes, active and associate. Active members are those who have been graduated from either the Advanced Course or the College Course. Associate membership is open to former students other than graduates and to members of the Faculty.

The Association is now organized on a permanent basis, and is in a flourishing condition.

The present activities of the Association include the observance of Alumni Day during Commencement week, the formation of an accurate list of the names and addresses of the more than five hundred graduates, and the preparation and publication of a history of this Normal School. Alumni Day has become one of the principal features of the closing week of school. Provision is made on that day for a business meeting of the alumni, for addresses by members of the Association and others, and for the annual banquet.

The present officers of the Association, who constitute its executive committee, are: Allen Oliver, president; William Rau, vice-president; Mary Kochtitzky, secretary; R. S. Douglass, treasurer.

THE NORMAL LYCEUM COURSE.

The Normal Lyceum Course, established eight years ago, has now become a well defined feature of student life, and it is filling a genuine educational need, especially of those who are seeking to become teachers. Season tickets for the entire course will be sold to students at \$1.50.

STATE NORMAL SCHOOL MILITARY BAND.

This excellent organization of over thirty instruments offers inducements to students who play band instruments, or desire to learn. Meetings are held regularly and work is credited on the regular course.

Instruments will be furnished those who desire to take private lessons. The Director, in addition to his services with the band,

will give private instruction on the cornet, clarinet, and all brass and reed instruments, for which the charges are reasonable.

Applicants for places in the band should write to the Director, stating what instruments they desire and the amount of experience they have had. Address Charles Armgardt, Cape Girardeau, Missouri.

BOARDING IN ALBERT AND LEMING HALLS.

Leming Hall is conducted as a model school home for young women. It is in charge of Mrs. Lawson, who, as the efficient head of Leming Hall, gives her entire time to making it a home for women. This hall will accommodate about one hundred young women. Those who room in Leming Hall are required to put their rooms in order each morning. The head of Leming Hall will inspect the rooms every morning to see that they are in good order.

Albert Hall is conducted as a model school home for young men. It is in charge of Mrs. Cynthia Ivy, who resides there and whose management of the hall for the past several years has proven most satisfactory. This hall will accommodate about eighty young men.

The aim of the school is to give students the advantages of home life in the two halls at cost. The buildings are heated by steam and lighted by electricity. There are two bath rooms and toilet rooms on each floor. The parlors are suitably furnished. Albert Hall and Leming Hall are on the south side of the campus, directly in front of the Normal buildings just across the street from the campus. The location is beautiful. Each room is furnished as follows: Two single beds, three chairs, one dresser, one washstand, toilet set, one rug, one study table and two closets. Each bed is provided with the following: Mattress, pillow, one white counterpane, one pair blankets, four sheets, two pillow slips. Each student is expected to furnish one comforter, four and one-half feet wide and seven feet long, and six towels for his own use. The towels, otherwise, may be secured weekly from the laundry at very reasonable rates.

EXPENSES.

FEES.

To cover the incidental expenses of the Normal School which are not provided for by the state, an incidental fee of \$6.00 is charged for a term or any part of a term. The incidental fee

each term must be paid in advance and will not be refunded for any cause.

A gymnasium fee of \$1.00 will be charged all students on entrance. This fee will give the student the use of the gymnasium and baths for one year.

BOARD.

Good board, including light and fuel, can be had in approved families at \$3.75 to \$4.50 per week.

Rooms in Albert Hall and Leming Hall are rented at \$3.00 per month of four weeks for each student, two students occupying one room; or \$6.00 per month for each student if one student occupies a room alone. Fifty cents additional is charged for corner rooms. The cost of board and room rent in the two halls is \$16.00 a month, or \$4.00 a week. A deposit of \$3.00 is required from each student in Albert Hall to cover any damage that may be done to the hall or property. The remainder, after all assessments are made, will be refunded to the student.

A YEAR'S ESTIMATE.

An approximately correct estimate of all school expenses, including the incidental fee, board, books, laundry, and incidentals, may be put as follows:

Board, thirty-eight weeks, at \$4.00.....	\$152.00
Incidental Fee	18.00
Laundry and Incidentals	20.00
Books and Stationery	10.00
	<hr/>
	\$200.00

ADMINISTRATION.

GOVERNMENT.

The Normal School engages in no inquisition or espionage. Resident students are held to answer for their public deportment as other members of the community. When out of school they must not conduct themselves in such a way as to make their influence hurtful to the Normal School community. Students whose parents or guardians do not reside here will consider themselves under the special care of the Faculty in and out of school. Students boarding in private families must observe the same regulations imposed upon the students boarding at the dormitories.

Every student is presumed to be honest and well meaning and acquainted with the obligations devolving upon a teacher and a student. The discipline of the Normal School is intended to

appeal to the good sense and reason of its students. They are expected to be independent, self-reliant, and able to exercise self-restraint when necessary. If a student proves to be unable to do this, after the Faculty have done all they can to assist him in building up his character, his parents or guardian are promptly requested to withdraw him from school. A large majority of the students who enter the Normal School are very earnest, industrious and conscientious young people. They give tone and character to the school and have a strong influence for good over a few who are not animated by the purpose of high endeavor.

STUDENT ADVISERS.

Each student is assigned to some member of the Faculty for advice and counsel. The adviser not only assists the pupil in choosing his course of study and selecting the proper subjects, but also has a general oversight of the student's welfare and conduct. Each term a report is made to the President of the progress of the student so that he has at his ready command an accurate statement of the pupil's standing.

SYSTEM OF GRADING AND CREDITS.

In order that the grading of students may be placed on a scientific basis as far as possible and that grading in all departments and in all classes may be as uniform as possible, the grading will be done on the basis of group ranking of students. Students who do average work are graded C; students who do better than average work, but who do not do the very best work are graded B; students who do work of the highest standard are graded A; students who do work below the average, but who do not fail in their work entirely are graded D; students who fail to do work that can be credited are graded E.

In order that students may be credited for the work they do in each class on a fair and just basis and in order that they may have constantly an incentive to do their best work in every class, students who receive the grade of C are given the standard credit; students who make a grade of A are given thirty per cent. in addition to the standard credit; students who make a grade of B are given fifteen per cent. in addition to the standard credit; students who make a grade of D are given eighty per cent. of the standard credit; students who make a grade of E are given no credit.

It is felt that such a system of crediting is more just than the usual custom of giving all students that pass the same credit; that it will offer an inducement to students to put forth their best

efforts at all times; that it will give an opportunity to students who possess superior or the highest ability to graduate in less time than is required by students of average ability. Students who do less than average work may be able to graduate by spending somewhat more than the average time in school.

NOTATION FOR COURSE OF STUDY.

In the notation used for indicating courses, capital letters refer to courses which are of high school grade, and figures represent courses which are classed as of college grade. The subscript indicates the term of the subject, not of the year, as B3 represents course B, third term. The credit given in connection with each course is so much per term: Thus 5t, cr 3 hrs., means that five recitations are held per week, and the credit is three hours per term, or nine hours per year.

EXAMINATIONS AND REPORTS.

Examinations are held in all subjects during the last week of each term. The grades thus made, when combined with the class grades, make the term grades. These grades are preserved as permanent records, and exact copies are sent to the parents and guardians. In cases where students are not applying themselves properly, special reports are made repeatedly, so long as this is the best course to pursue.

WHEN TO ENTER.

The very best time for one to enter is at the opening of the Fall term. The classes are formed for that term, and in many of the departments the work of the year is begun. In some of the departments new sections are formed at the opening of each term, for the convenience of those then entering.

TEACHERS' POSITIONS.

The schools of this part of the state in increasing numbers are looking to this institution for assistance in finding teachers. To properly care for this field of usefulness, this Committee on Teachers' Positions has been appointed, and placed in full charge of such matters. Services are rendered absolutely free of cost to schools and school officials; to teachers who are graduates or former students of this institution, and to other teachers not former students but who wish to avail themselves of the assistance of this Committee.

School officials may deal directly with the Committee on Teachers' Positions, with every confidence in its efficiency. Per-

sonal visits are invited. The facts in detail concerning a large number of live, energetic teachers will be at their service.

Teachers who wish to enroll will please write for enrollment blanks.

Address, Committee on Teachers' Positions, State Normal School, Cape Girardeau, Missouri.

SELF HELP.

For a number of years something has been done in the interest of young women and young men who are in need of assistance in making their way. The Y. M. C. A. has proven especially helpful in several instances, and individual members of the Normal community have been much interested in this kind of work. There is also a regularly established Committee on Self Help who will make an effort to secure remunerative work which shall require only part of the student's time, and if there is any demand, effort will be made to secure work for students during their vacation period.

The Normal School regularly gives employment to a limited number of students as assistants to the janitors, waiters, and in similar capacities. Preference is given to students who are in need of such assistance, but this employment must not be understood as charity. Full pay is given and the services rendered must be up to the standard.

Students who are not compelled to put a part of their time and energy to earning their expenses, should apply themselves wholly to their studies. Students who are compelled to have some assistance such as has been set forth, should apply to the Committee on Self Help.

SUMMER TERM OF 1916.

The summer term of 1916 will open Monday, June 5, and close August 12. The special bulletin giving the exact courses to be offered during that term will be issued early next spring. It is in place to say now that the usual courses will be offered in all academic, professional and special subjects. A number of special professional courses are given only during the summer term, some of which are set forth in the Department of Education. The courses authorized by the State Department of Education will be given for credit on state and county certificates. Lectures by a number of prominent educators are regularly provided during the summer term.

ORGANIZATION.

ELEMENTARY PROFESSIONAL DEPARTMENT.

This department gives a limited preparation for teaching in elementary schools, including a four year's high school course and one year of college work. It is maintained principally for the benefit of mature teachers who have had limited opportunities, and students from communities which have no high school facilities. There is no wish or purpose to interfere with the patronage of the high schools of the Normal School district; on the other hand, students are urged to finish the work offered by their local schools before coming here.

In addition to the usual high school work done in this department some courses in Education are offered, the completion of which, together with the required amount of literary work, entitles the student to the Elementary Professional Certificate, which is explained below.

ADMISSION.

Students under fifteen years of age are not admitted to this department. The completion of an eight-grade school, or work of equivalent value, is a minimum requirement for admission to the first year's work. Teachers who hold a third-grade county certificate are admitted, without conditions, to the first-year class.

Students who have been studying in an approved high school, but have not completed the four years' course, may enter this department and receive full credit for the work already done; but before such credit can be officially allowed, a certified copy of the high school record must be filed with the Chairman of the Committee on Credits and Graduation. Requests for credit for work done in any high school not on the approved list, must be passed on by the same committee.

CLASSIFICATION.

Students desiring to enter this department should enroll with the Registrar and from him obtain blanks for classification which they should take at once to the President of the Faculty, who will assign each student to an adviser. The adviser will make approximate estimates of the work already done, and give instructions as to the departments in which the student should enroll in order to carry out his purposes and meet the requirements of this institution. After obtaining these general directions, the student should see the teachers under whom he wishes to work, and have them

sign his enrollment card. After the card is completed, it should be taken back to the President of the Faculty, who will pass on each case finally. No changes thereafter may be made in classification without his consent.

REQUIREMENTS.

Candidates for the Elementary Professional Certificates must complete 48 term units of elementary academic work and 45 hours of college work. A unit is regularly one term's work in a subject reciting five times a week and requiring outside preparation. The elementary academic work is distributed as follows: English 9, History 6, Science 6, Mathematics $7\frac{1}{2}$, Public School Music 1, Manual Training 1, Drawing 1, Physical Training 1, making a total of $32\frac{1}{2}$ units prescribed. The remaining $15\frac{1}{2}$ units must be chosen from the list below, which indicates the maximum number of units that may be taken from the various subjects, subject, however, to the approval of the Chairman of the Committee on Course of Study and the student's adviser.

	Units.		Units.
Latin	12	English	6
Greek	3	Mathematics	3
French	9	History	3
German	9	Agriculture	9
Physics	3	Manual Training	3
Chemistry	3	Domestic Science	3
Biology	3	Commercial Branches	3
Agriculture	3	Music	3
Physiology	3	Drawing	3
		Physical Training	$\frac{1}{2}$

If a student wishes to specialize in Manual Training, Domestic Science, Commercial Branches, Music or Drawing, the number of hours he may elect in these subjects will be determined by the requirements of the special programs in those departments.

The additional 45 hours of college work required shall be taken in accordance with the provisions of the last year of the program outlined below:

FIRST YEAR.

Fall Term.	Winter Term.	Spring Term.
Term Units.	Term Units.	Term Units.
English C 1	English C 1	English A 1
Science 1	Science 1	Science 1
Algebra $1\frac{1}{2}$	Algebra $1\frac{1}{2}$	Algebra $1\frac{1}{2}$
Music 1 $\frac{1}{2}$	Music 2 $\frac{1}{2}$	Phys. Practice ... $\frac{1}{2}$
	Elective 1	Elective 1
<hr/>	<hr/>	<hr/>
5	5	5

SECOND YEAR.

Fall Term.	Winter Term.	Spring Term.
Term Units.	Term Units.	
Pub. Speaking B.. 1	Pub. Speaking B.. 1	Pub. Speaking B.. 1
Science 1	Science 1	Science 1
Geometry 1½	Geometry 1½	Elective 1½
History 1	History 1	History 1
Phys. Practice..... ½	Drawing ½	Drawing ½
<hr/> 5	<hr/> 5	<hr/> 5

THIRD YEAR.

Fall Term.	Winter Term.	Spring Term.
Term Units.	Term Units.	Term Units.
English D 1	English D 1	English D 1
History 1	History 1	History 1
Man'l Training .. ½	Man'l Training .. ½	Elective 3
Elective 2½	Elective 2½	
<hr/> 5	<hr/> 5	<hr/> 5

Summer Term.

Elective 3

COLLEGE YEAR.

Fall Term.	Winter Term.	Spring Term.
Hours.	Hours.	Hours.
History 3	History 3	Teaching 5a 4
English 1a 3	English 1b 3	Eng. or Pub. Sp.. 3
Education 1a 3	Education 1b 3	Education 3a 3
Edu. 2a or 9a ... 3	Edu. 2b or 9b ... 3	Education 4 3
*Phys. Practice .. 1½	*Phys. Practice.... 1½	*Man'l Training 1½
*Music 1½	*Music 1½	*Drawing 1½
<hr/> 15	<hr/> 15	<hr/> 16

* Normal students who have completed in the elementary requirements the nine hours of technical subjects in the college year of the above program, may substitute an equivalent amount of other college work. In case that they contemplate completing at a later date the Advanced Professional Course for High School Teachers, they should substitute work in their major or minor subjects. (See page 37.) Graduates from approved high schools may, with the advice and consent of the chairman of the Committee on Course of Study and the adviser of the student, make approved substitutions for these technical subjects.

Students preparing to teach Latin or Modern Languages in the high school should present 9 term units for entrance.

Students doing all their work for the Elementary Certificate in this school are expected to comply with the foregoing requirements in every particular. Students entering this institution with credits earned elsewhere, must meet these requirements substan-

tially, not varying from the prescribed work further than may be necessary on account of program conflicts and time limitations. While the kind of work may thus in special cases vary slightly from that prescribed, the total amount of work can not in any case be lessened.

HIGH SCHOOL GRADUATES.

Graduates of four-year high schools who present certified records showing sixteen of the usual high-school units may complete the work required for the Elementary Certificate in not less than three terms of residence. The work prescribed for such students is of college rank and counts full value on all advanced courses.

Not more than five elementary courses, or their equivalent, may be taken by any student at one time without special permission. A **COURSE** is one whose normal value is one unit and is considered the equivalent, as to amount of work done, to a three hours' college course. It is one term's work in a subject reciting five times a week and requiring outside preparation. A **HALF-COURSE** is one term's work in a subject reciting five times a week and not requiring outside preparation.

RURAL CERTIFICATE.

Its Character. Particular attention is called to the Courses for Teachers in Rural Schools. The State Superintendent will issue to students completing this course a certificate authorizing the holder to teach in any rural or village school under the supervision of the County Superintendent in the state.

Requirements. **AGE.** No one under eighteen years of age shall be granted this certificate. **TIME.** Candidates for this certificate who have on entrance completed only the ordinary work of the eighth grade will, in general, require at least two years to complete the course. After January 1, 1916, three years' high school work or its equivalent will be required for the completion of the Rural School Course. All candidates must do at least one year of work in the State Normal School, except holders of a first or a second grade certificate, who may be excused from one term in residence, subject to the scholastic requirements below. **SCHOLARSHIP.** The following table shows not only the number of terms' work required, but also those courses which must be done in residence. For work not done in residence high school credits, or their equivalent, must be presented.

Grammar and United States History for students who want to make certified grades for a third grade certificate. Provided that extra work done in extension courses be continued into and completed in a summer term before it is certified for credit on a county certificate.

Extension Courses will be offered by correspondence or through monthly meetings at extension centers in each county. Teachers planning to enter the Normal for the summer term to make certified grades in any two subjects may begin work in those subjects at once through extension courses and all work done in the extension classes will be credited toward making the certified grades. Teachers who complete these extension courses and continue their work through one of the summer terms will be able to make grades to be certified with more satisfaction to themselves and to the School. It is impossible often for teachers who have not studied a subject before entering the summer term to complete it as required for certification in one summer term.

Extension work by correspondence may be taken up by a teacher at any time except during the summer term. A fee of two dollars per term of twelve weeks will be charged for this work. Work in extension centers may be begun at any time except during the summer term by notifying the President of the State Normal School, at Cape Girardeau, who will send a member of the Faculty to take charge of the class. The only expense to the class will be the hotel and traveling expenses of the instructor. The extension work is also given in subjects in the Elementary and Advanced Professional Courses.

COLLEGE DEPARTMENT.

The Normal School has as its primary purpose the preparation of teachers for the schools of this section of the state, and for many years this work was done within rather narrow limits. Of late years the remarkable development of Southeast Missouri has forced the institution to larger undertakings, in order that it may measure up to the needs of the hundreds of young men and young women who can not conveniently go elsewhere for their education. There is no other institution nearer than St. Louis and Springfield which has the equipment and facilities for doing work of college grade, and it is generally accepted that college attendance is largely a local matter. The work of the College Department has been projected deliberately and wisely. Strong effort is being put forth to make of this Department one of the best in the state.

To meet this two-fold purpose three courses are offered: the Advanced Professional Course for Teachers in the Elementary Schools requiring two years for its completion, the Advanced Professional Course for Teachers in High Schools, requiring three years for its completion, and three standard college courses, each leading to a Bachelor's Degree.

ADVANCED PROFESSIONAL COURSE FOR TEACHERS IN THE ELEMENTARY SCHOOLS.

Its Character. This course has in charge the preparation of teachers for the elementary schools; and is designed to accomplish this in a manner not only thoroughly professional, but also consistent with the demands of good scholarship. The student can so plan the two years required for this course that they may serve as the first two years of the Advanced Professional Course for High School Teachers. In this way one can obtain the Life State Diploma for Elementary Teachers at the end of two years; a Life State Diploma for High School Teachers at the end of three years, and the Degree of Bachelor of Arts or Education, or Bachelor of Science in Home Economics, at the end of four years.

Admission to the Course. 1. GRADUATES OF APPROVED HIGH SCHOOLS who offer 16 high school units, will be admitted to this course without conditions. The official classification of high schools by the State Superintendent of Public Schools is accepted by this institution as the standard. 2. STUDENTS OF THE ELEMENTARY PROFESSIONAL DEPARTMENT who have completed 48 term units of elementary work, including the 32½ units of required subjects, are admitted without conditions. 3. OTHER STUDENTS will be given such standing as the facts in each case may justify.

Requirements for Graduation. For the completion of this course 90 term hours of college work are required. By term hour is meant one recitation a week for one term in a subject requiring preparation out of class. If a college class meets three hours a week for a term, the work done has a value of three term hours; and if it continues through the year, the work has the value of nine term hours. Of the ninety term hours required, the following are prescribed: Education 38, English 9, History 9, Science 12, Physical Practice 3, Drawing 3, Public School Music 3, Manual Arts 3. The remaining 10 hours must be chosen from any college course for which the student is prepared and should be taken so as to meet the requirements of the three or four year college

courses if the student intends completing either of them at a later date.

Exceptions to the Above Requirements. The above requirements may be changed under the following provisions: 1. All elective work above 10 hours must be chosen with the advice and consent of the Chairman of the Committee on Course of Study and the adviser of the student making the election. 2. A student who desires to specialize in Foreign Language, Mathematics, Science, English or History, may elect a total of 29 hours in one or more of these departments, by omitting 3 hours of the requirements in English, 3 hours in History, 4 hours in Science, and all of the requirements in Music, Drawing and Manual Arts. A total of 6 hours of Music, Drawing, or Manual Arts, may be substituted for the same amount in Education.

General Program. A general program is outlined below. The advisers should make the programs according to this scheme for all those who enter upon the course in regular fashion and intend to complete it without interruption.

FIRST YEAR.

Fall Term		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours
History	3	History	3	History	3
English 1a	3	English 1b	3	Eng. or Pb. Sp....	3
Education 1a	3	Education 1b	3	Education 3a	3
Educat'n 2a or 9a	3	Educat'n 2b or 9b	3	Education 4a	3
Music	1½	Music	1½	Drawing	1½
Phys. Practice	1½	Phys. Practice	1½	Man'l Training....	1½
	<hr/> 15		<hr/> 15		<hr/> 15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Science	4	Science	4	Science	4
Major or Elective	3	Major or Elective	3	Major or Elective	4
Educat'n 6a or 9a	3	Educat'n 6b or 9b	3	Education 3c	3
Education 5a	4	Educat'n 3b or 9b	3	Education 5b	4
Man'l Training....	1½	Drawing	1½		
	<hr/> 15½		<hr/> 14½		<hr/> 15

ADVANCED PROFESSIONAL COURSE FOR HIGH SCHOOL TEACHERS OF ACADEMIC SUBJECTS.

Character of the Course. This course is designed to equip teachers for departmental work in high schools. It lays emphasis upon intensive work in a limited number of subjects, thus securing

a high degree of scholarship and a more specialized professional preparation.

Admission to the Course. Students are admitted to this course under the same conditions as in the two-year course.

Relation to Other Courses. This course has been so planned that the student will find no difficulty in completing it in two years after finishing the one-year course or in one year, after finishing the two-year course, provided the subjects of study be taken in due order. In place of electives in the one-year and two-year courses, may be put major and minor subjects for this course.

Requirements for Graduation. For the completion of this course 135 hours of college work are required, of which the following are prescribed as constants: Education 44, English 9, History 9, Science 12, Foreign Language 9, Mathematics 8, Physical Practice 4½; total 95½ hours. The remaining 39½ hours are elected in a manner explained in the next paragraph.

Plan of Election in the Course. The remaining 39½ hours of elective subjects consist of a **major of 18 hours**, which is chosen by the student in some one department; of a **first minor of 9 hours** which is selected with the **advice and consent of the Chairman of the Committee on Course of Study and the student's adviser**; a **second minor of 9 hours** which must be taken from a group different from the major and first minor groups; and a free elective of 3½ hours. To assist in this election, subjects of study have been grouped as follows:

GROUP I.	GROUP II.	GROUP III.
Majors:	Science Minors:	Technical Minors:
1. Ancient Languages	1. Physical Education	1. Drawing
2. Modern Languages	2. Experimental	2. Music
3. History	Cooking 3c	3. Manual Training
4. English	3. Experimental	4. Home Economics
5. Public Speaking	Cooking 4b	5. Library Science
6. Physical Science	4. Dietetics 9	6. Business
7. Biological Science	5. Textiles 2c	
8. Agricultural Science		
9. Philosophy and Education		
10. Mathematics		

From Group I may be chosen the major and minor subjects. From Group II and Group III may be chosen either of the two minors. The 12 hours of the science constant may be taken from majors 6, 7, or 8 of Group I, or from the minors of Group II, but

not from the technical minors of Group III. Thus the election from Group III is restricted to a minor of 9 hours, together with an elective of $3\frac{1}{2}$ hours, making a possible total election from Group III of $12\frac{1}{2}$ hours.

General Program. A general program is outlined below. Provision has been made for distributing the work in the major and minor subjects over the three years of the course. **The constants have been placed in definite order;** and this order can be changed only with the consent of the Chairman of the Committee on Course of Study:

FIRST YEAR.

Fall Term		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Language	3	Language	3	Language	3
English 1a	3	English 1b	3	Eng. or Pb. Sp....	3
Education 1a	3	Education 1b	3	Education 3a.....	3
Educate'n 2a or 9a	3	Educate'n 2a or 9b	3	Education 4.....	3
Major or Minor....	3	Major or Minor....	3	Major or Minor....	3
	<hr/> 15		<hr/> 15		<hr/> 15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Science	4	Science	4	Science	4
History	3	History	3	History	3
Educate'n 6a or 9a	3	Educate'n 6b or 9b	3	Education 8	3
Major or Minor....	3	Major or Minor....	3	Edu. Elective	3
Phys. Practice	$1\frac{1}{2}$	Phys. Practice	$1\frac{1}{2}$	Major or Minor....	3
	<hr/> $14\frac{1}{2}$		<hr/> $14\frac{1}{2}$		<hr/> 16

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Mathematics	4	Mathematics	4	Elective	2
Major or Minor....	6	Major or Minor ...	6	Major or Minor....	6
Educate'n 3b or 9a	3	Education 5a	4	Education 5b	4
Phys. Practice	$1\frac{1}{2}$	Elective	$1\frac{1}{2}$	Education 3c	3
	<hr/> $14\frac{1}{2}$		<hr/> $15\frac{1}{2}$		<hr/> 15

ADVANCED PROFESSIONAL COURSE FOR HIGH SCHOOL TEACHERS OF TECHNICAL SUBJECTS.

Programs for these courses will be found outlined under the courses of instruction offered by the various departments.

TIME REQUIRED FOR ADVANCED PROFESSIONAL COURSES.

Students who enter this department with the usual sixteen high school units should be able to complete the two-year course in six terms and the three-year course in nine terms of fifteen hours. Extra credits earned by high rank in scholarship will correspondingly reduce the time required.

A minimum requirement of one year, or three terms, in actual residence, is made of all candidates for this diploma.

AMOUNT OF WORK PERMITTED.

No student may take more than fifteen hours of work of college grade, without special permission of the Committee on Credits. In cases where part of the work is of high school and part of college grade, the equivalent of fifteen hours of college work may be taken.

WORK TO BE PASSED ON EXAMINATION.

Work in absentia which students intend to pass by examination, should be reported to their advisers on entrance and arrangements with the teacher concerned be made to take the examination within two weeks from the time of entering.

Work done in residence outside of the classroom which the student desires to pass by examination, must be recorded on the student's program in the same manner as subjects regularly taken in the classroom. All cases in which the amount of work extends beyond the fifteen hours regularly permitted, must be brought before the Committee on Credits.

But in all cases, before the examination is taken, a written permit must be first obtained by the student from the President of the Faculty, authorizing the proper teacher to give the examination.

COURSES LEADING TO BACHELOR'S DEGREES.

Three distinct courses are offered leading respectively to the degrees of Bachelor of Arts, Bachelor of Science in Education, and Bachelor of Science in Home Economics.

Admission. Students who have completed an Elementary Professional Program of forty-eight units are admitted to these courses with certain conditions. To be admitted to the course for the degree of Bachelor of Arts, without conditions, a student must have had two years' work in Foreign Language. Students who enter the course for the degree of Bachelor of Science in Educa-

tion must offer two years in Foreign Language on entering, or they must make eighteen hours in Foreign Language during their college course. The course leading to the degree of Bachelor of Science in Home Economics requires two years' work in Foreign Language and one year in Physics, Chemistry or Biology for entrance.

Graduates of first-class high schools who have a credit of sixteen high school units will be admitted to these courses subject to the same conditions with reference to the Foreign Language requirements as those that apply to graduates of the Elementary Professional Course.

Graduates and former students of institutions other than those specified may enter and obtain such standing as the facts established in the particular case may justify.

Amount of Work Permitted. No student may take more than fifteen hours of college work per term during any college year without special permission of the Committee on Credits.

Requirements for Graduation. For the completion of a program of study leading to the degrees, Bachelor of Arts, Bachelor of Education, and Bachelor of Science in Home Economics, a minimum of one hundred and eighty term hours of college work is required. Some freedom of election is permitted within certain definite limits. The groups of subjects from which courses are made up are as follows:

A.	B.	C.	D.	E.
Latin	English	Biology	Education	Drawing
Greek	Mathematics	Physics	Economics	Public School
French	Public Speaking	Chemistry	Philosophy	Music
German	American History	Agriculture		Manual Training
Spanish	European History	Physical Education		Domestic Science

1. Bachelor of Arts.

Freshman: A 9, History 9, English 9, Mathematics 9, out of A, B, C, D, 9.

Sophomore: A 9 (continued), English and Public Speaking 9, C 9, out of A, B, C, D, 18.

Junior: B 9, C9, out of A, B, C, D, 27.

Senior: Out of A, B, C, D, 45.

2. Bachelor of Science in Education.

Freshman: Education 15, English 9, History 9, Elective 12, from Groups A, B, C, D.

Sophomore: Education 15, English 6, History 6, Science 9, Elective 9, from Groups A, B, C, D.

Junior: Education 15, Science 6, Philosophy 9, Elective 15, from Groups A, B, C, D.

Senior: Education 15, Philosophy 6, Elective 24, from Groups A, B, C, D.

Students taking this program may elect courses in the teaching of the technical subjects to the amount of 9 hours in all, provided they have sufficient preparation in those subjects to make such election advisable.

BACHELOR OF SCIENCE IN HOME ECONOMICS.

Freshman: Education 9, Inorganic Chemistry 8, Qualitative Chemistry 4, Organic Chemistry 3, English 9, Arch. Drawing 3, Home Economics 9.

Sophomore: Education 9, Chemistry of Foods 3, General Botany or General Zoology 12, Physical Practice 4½, Home Economics 13, Elective 3, from Group B.

Junior: Education 9, Special Physics 6, First Aid 2, Preventive Medicine 2, Home Economics 13, Elective 13, from Groups A, B, D, E.

Senior: Education 17, Home Economics 11, Elective 17, from Groups A, B, D, E.

COURSES OF INSTRUCTION.

DEPARTMENT OF EDUCATION AND PHILOSOPHY.

President Dearmont.
Professor Doeden.
Professor Martin.
Miss Shea.
Miss Wilson.

Miss Howarth.
Miss Newman.
Mrs. Ealy.
Miss Rector.
Miss Smith.

EDUCATION.

RURAL STATE CERTIFICATE COURSES.

Of all the fields of service which this Normal School occupies one of the most rapidly developing is the training of teachers for the rural schools of this state. The state superintendent of public instruction issues a rural state certificate to students who complete certain stipulated courses. The courses in elementary education are all offered primarily for the purpose of preparing students for effective rural school teaching, and meet the requirements in education for this certificate.

A. Rural Life Problems. The purpose of this course is a clear interpretation of those influences and tendencies in country life which are a background for the work of the rural school. The course consists of reference work on selected topics, such as isolation in rural life, incomplete ideals of education, inadequate standards of living, absence of social ideals, etc., leading up to a study of the most important aspects of the work of the rural school. Prerequisite, experience in rural school teaching, Education B, or Education D. Spring term, repeated in the summer. 5t, cr 1 u. Mr. Martin.

B. The Rural School Curriculum. This is a course for students preparing to teach in the rural schools. One term is required for the completion of the rural state certificate. The course is developed through class discussions and observations in the Training School and, whenever possible, in nearby rural schools. It includes a study of the organization of the rural school and of the teaching of the subjects in the course of study. The Missouri Course of Study is used as a standard curriculum, but its use is supplemented by lectures and the planning of specific lessons by the class. Three terms. 5t, cr 1 u. Mr. Martin.

C. The Teaching Process. This is an introductory course in the principles of teaching with special reference to rural school conditions. The work includes selected topics, such as the development lesson, study lesson, drill lesson, questions and assignments. Education D, or experience in rural school teaching, is a prerequisite. Spring term, repeated in the summer. 5t, cr 1 u. Mr. Martin.

Text: Strayer's A Brief Course in the Teaching Process.

D. Elementary Psychology. This is a first course in Psychology for teachers, intended to complete and systematize the work in elementary education. The subject is approached from the functional point of view, emphasis being placed upon the relation of consciousness to behavior. Two terms, fall and winter, repeated in the spring and summer terms. 5t, cr 1u.

Text: Colvin and Bagley's Human Behavior.

E. Elementary Course in Primary Education. This course is designed to meet the needs of students preparing to teach in the rural schools. It aims to give an extensive, not an intensive, study of primary methods and devices, with special attention to the pedagogical principles underlying each. Every term. 5t, cr 1u. Miss Newman.

COLLEGE COURSES.

The required courses in Education are prescribed in the following order:

Elementary Professional Course. Fall term, Education 1a and 2a or 9a; winter term, Education 1b and 2b or 9b, spring term, Education 3a, 4 and 5a.

Advanced Professional Course for Elementary Teachers. FIRST YEAR: Fall term, Education 1a and 2a or 9a; winter term, 1b and 2b or 9b; spring term, Education 3a and 4. SECOND YEAR: Fall term, Education 6a or 9a, Education 5a; winter term, Education 6b or 9b, Education 3b or 9b; spring term, Education 5b and 3c.

Advanced Professional Course for High School Teachers. FIRST YEAR: Fall term, Education 1a and 2a or 9a; winter term, Education 1b and 2b or 9b; spring term, Education 3a and 4. SECOND YEAR: Fall term, Education 6a or 9a; winter term, Education 6b or 9b; spring term, Education 8 and an elective of 3 hours. THIRD YEAR: Fall term, Education 3b or 9a; winter term, Education 5a; spring term, Education 5b and 3c.

1. **Outlines of Psychology.** This is an introduction to the subject of psychology, consisting of recitations, reports, class exercises and demonstrations by the instructor. It forms the scientific basis of other subjects in Education. Required in the Elementary and Advanced Professional Programs. Two terms, fall and winter; repeated in spring and summer terms. 3t, cr 3 hours.

Text: Pillsbury's Essentials of Psychology.

2. **History of Education.** The purpose of this course is to give the student an understanding of our present complex educational theory and practice through a study of its development and evolution. This is done primarily by tracing the main steps in the history of civilization. Required. Two terms, fall and winter. 3t, cr 3 hrs. Mr. Doeden.

Text: Monroe's Brief History of Education.

3a. **Principles of Teaching.** This course deals with the fundamentals of method in securing the assimilation and functioning of knowledge. The two courses described above are a prerequisite. Required. Spring term. 3t, cr 3 hrs. Mr. Doeden.

Text: Bagley's Educative Process and McMurry's How to Study.

3bc. **Experimental Pedagogy.** The purpose of this course is to present the principles of teaching from the standpoint of experimental pedagogy. Each pupil will be assigned a topic for investigation in connection with his teaching in the Training School. Weekly reports, embodying the results of his investigations as well as his reading in the experimental literature of the subject, will be required, the whole to be put in a final report at the end of the term. Two terms required. Repeated each term. 3t, cr 3 hrs. Mr. Martin.

4. **Classroom Management.** This course deals with the problem of reducing to the minimum the waste in education. Some of the most important topics are: Mechanizing of routine; making of daily program; classification and promotion of pupils; equipment and hygienic conditions; discipline, penalties, and incentives; measuring results in teaching. Required. Spring term. 3t, cr 3 hrs. Mr. Doeden.

Text: Bagley's Classroom Management.

5. **Teaching.** This course consists of actual classroom teaching in the Training School under the direction of the super-

visors. Students making a grade above D during each of the first two terms may be excused from teaching the third term. All others are required to teach three terms. 5t, cr 4 hrs. Training School Supervisors and Mr. Martin.

6a. Educational Sociology. A study is first made of the aim of education in a democracy like ours. Next are noted the new functions and new adjustments that our schools and its teachers must make because of changed social and industrial conditions. This is followed by an examination of the socializing agencies of the school like play, pupil organizations, group activities, social centers, responsibilities of pupils in school management. Required. Fall term. 3t, cr 3 hrs. Mr. Doeden.

6b. Educational Sociology. Although it may be taken separately, this is a continuation of course 6a. It consists of a study of the essentials of the curriculum from the social point of view. The standards for the selection and evaluation of subject matter are discussed and applied to the various subjects taught in the elementary school. Required. Winter term. 3t, cr 3 hrs. Mr. Doeden.

7. School Administration. This course is intended primarily for students who expect to become principals, superintendents, or teachers of Education in high schools. The first term's work consists of a comparative study of the state school systems of the United States. The last two terms are devoted to a systematic study of the problems in the organization, administration, and supervision of schools. Three terms. 3t, cr 3 hrs. Mr. Doeden.

8. Educational Psychology. The purpose of this course is to present those topics in psychology which have special significance for the work of education. Some attention will be given to statistical methods of study. One term, spring and summer. 5t, cr 3 hrs.

9. Experimental Child Study. This course takes up the mental and physical measurement of the children in the different grades of the Training School. It is adapted to meet the different needs of primary teachers, superintendents and students of advanced psychology. An excellent equipment makes it possible to conduct the work according to the methods of experimental study. Two terms of this course may be elected in the Advance Professional Programs in place of Courses 2a and 2b, 6a and 6b, or 3b and 3c. Three terms. 5t, cr 3 hrs.

10a. Reading, Spelling, and Phonics in the Primary Grades.

Courses 10abc constitute a year's work in the theory of teaching the basic subjects in the primary grades. They include lectures, required reading and supervised observation of teaching in the primary grades. This course deals with the content, organization, and teaching of reading, spelling and phonics. Presupposes psychology. Fall term; repeated in summer term. 3t, cr 3 hrs. Miss Newman.

10b. Language in the Primary Grades. Although this course may be taken separately it is a continuation of 10a. It includes a study of the development of language, both in the race and in the individual, as a mode of expression, and of modes of expression correlative with language. Presupposes psychology and college rhetoric. Winter term; repeated in summer term. 3t, cr 3 hrs. Miss Newman.

10c. Social and Industrial History in the Primary Grades. This course may be taken separately although it is a continuation of 10a and 10b. It deals with the social and industrial structure of society in its fundamental aspects and with the organization and presentation of this material in the lower grades. Presupposes psychology, sociology and some knowledge of biology. Spring term; repeated in summer term. 3t, cr 3 hrs. Miss Newman.

11. Juvenile Literature. This course develops the literary principles underlying child literature, affords some creative work in utilizing these principles, includes extensive reading and the arrangement of lists of stories for grades, devotes time to practice in story telling and the various applications of the story. One term, spring and summer. 3t, cr 3 hrs. Miss Newman.

12. Kindergarten Principles Related to Primary Work. A course dealing with Froebel's Mother Play and the kindergarten gifts and occupations with a further development of these through the primary grades. It deals also with study of the school festival as an application of Froebelian spirit, with original work in making festivals. Winter term. 4t, cr 3 hrs. Miss Newman and Mrs. Ealy.

ADVANCED PROFESSIONAL PROGRAM IN PRIMARY TEACHING.

The following three-year program is outlined for those wishing to specialize in Primary Teaching, leading to the Advanced Professional Diploma.

FIRST YEAR.		
Fall Term.	Winter Term.	Spring Term.
Hours.	Hours.	Hours.
Education 1a..... 3	Education 1b..... 3	Education 4 3
Education 2a..... 3	Education 2b..... 3	Education 3a..... 3
English 1a..... 3	English 1b 3	Eng. or Pb. Sp... 3
Manual Arts 1½	Drawing 1½	Drawing 1½
Elective 1½	Elective 3	Elective 1½
Music 1½	Music 1½	Manual Arts 1½
Phys. Practice ... 1½	Phys. Practice ... 1½	Phys. Practice ... 1½
15	15	15

SECOND YEAR.		
Fall Term.	Winter Term.	Spring Term.
Hours.	Hours.	Hours.
Education 6a..... 3	Education 6b..... 3	English 10 3
Education 10a..... 3	Education 10b..... 3	Education 10c ... 3
Education 9a..... 3	Education 9b..... 3	Education 8 3
Science 4	Science 4	Science 4
History 3	History 3	History 3
16	16	16

THIRD YEAR.		
Fall Term.	Winter Term.	Spring Term.
Hours.	Hours.	Hours.
Philosophy 1 3	Philosophy 1 3	Physics 10 2
Education 3b 3	Education 5a 4	Education 5b 4
Economics 3	Economics 3	Education 3c 3
Elective 2	Education 12 3	Education 11 3
Math. or Elective 3	Math. or Elective 3	Math. or Elective 2
Music Apprec't'n 1		Art Appreciation 1
15	16	15

ADVANCED PROFESSIONAL PROGRAM IN TEACHER TRAINING.

The following program is designed to meet the requirements laid down by the State Superintendent for Teachers of Education in High Schools in which forty-five hours of professional work are required. The elective courses must be made in academic subjects.

FIRST YEAR.		
Fall Term.	Winter Term.	Spring Term.
Hours.	Hours.	Hours.
Education 1a 3	Education 1b 3	Education 4 3
Education 2a 3	Education 2b 3	Education 3a 3
English 1a 3	English 1b 3	Eng. or Pb. Sp... 3
Language or	Language or	Language or
Elective 3	Elective 3	Elective 3
Music 1½	Music 1½	Manual Arts 1½
Phys. Practice ... 1½	Phys. Practice ... 1½	Phys. Practice ... 1½
15	15	15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Education 6a.....	3	Education 6b.....	3	Education 7.....	3
Education 9a.....	3	Education 9b.....	3	Education 8.....	3
Science	4	Science	4	Science	4
Elective	3	Elective	3	Elective	3
History	3	History	3	History	3
<hr/>		<hr/>		<hr/>	
16		16		16	

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Education 10a.....	3	Education 5a.....	4	Education 5b	4
Elective	3	Education 3b.....	3	Education 3c	3
Philosophy 1a	3	Philosophy 1b	3	Economics	3
Mathematics	4	Mathematics	4	Elective	2
Elective	2	Elective	1	Elective	3
<hr/>		<hr/>		<hr/>	
15		15		15	

Courses in the teaching of various subjects are given in other departments as follows:

The Teaching of High School Latin. Department of Classical Languages, Course 5.

Method in German. Department of Modern Languages, Course 3c in German.

Method in Grammar. Department of English, Course B.

Advanced Vocal Expression. Department of Public Speaking, Course 7.

Historical Method and Material. Department of History, Course 8 in European History.

Method in Advanced Arithmetic. Department of Mathematics, Course D.

Teaching of General Science in the Grades. Department of Physics, Course 10.

Method in Geography. Department of Geography, Course C.

Teaching of Nature Study. Department of Biology, Course 5.

Theory of Gymnastics and Athletics (for men). Department of Physical Education, Course 5a.

The Playground (for men). Department of Physical Education, Course 5b.

Theory of Teaching Physical Education (for women). Department of Physical Education, Course 7b.

Theory and Practice in Physical Education. Department of Physical Education, Course 12.

Theory and Practice of Teaching Domestic Science. Department of Home Economics, Course 12.

PHILOSOPHY.

1. **Sociology.** The first term deals with the theory of elementary statistics. The second term will be devoted to practical work upon the statistical sociology chiefly in the United States. The third term will be occupied largely with the study of the broader phases of the subject, with some reference to social psychology. The course will be based upon the standard works of Cooley, Giddings, Wright, Ward and others. Three terms. 3t, cr 3 hrs.

2. **Experimental Psychology.** This course is intended for students specializing in educational subjects and for students who are candidates for the Bachelor's Degree. Hours and credit to be arranged with the instructor.

3. **Logic.** This course consists of two parts—an elementary, dealing with the usual topics, inference, deductive and inductive reasoning, use of hypotheses, logical basis of method, etc.; and an advanced part dealing with modern logical theory. Two terms. 3t, cr 3 hrs.

4. **History of Philosophy.** The aim of this course is to cover in an elementary way the main phases of the subject. In the portion of the course dealing with modern philosophy, considerable attention is devoted to the chief tendencies of contemporary thought. Three terms. 2t, cr 2 hrs.

5. **Ethics.** This course includes a study of recent ethical theory. The practical bearing of ethical studies on education is kept constantly view. One term. 3t, cr 3 hrs.

Text: Dewey and Tuft's Ethics.

DEPARTMENT OF CLASSICAL LANGUAGES.

Professor Dunn.

This department has secured a creditable equipment for the teaching of the classics, and additions are being made each year. Recently a lantern has been purchased, together with a considerable number of slides for illustrating the authors read, and otherwise adding to the interest of the work. More than thirty bromide enlargements of photographs of Greek and Roman subjects are upon the walls. The necessary reference books, dictionaries, histories, charts, and the like, are at hand. A full set of the Teubner Latin texts, some special author lexicons, and a goodly number of the most valuable volumes on the special authors studied have been secured. Some of the most recent works on Roman topography, Greek and Roman art and life, have likewise been placed before the students, and they are taught the use of these as part of their regular work, with a view to having them take to their schools an enthusiastic interest in the study of the Classics.

In addition to the material belonging to the department, students have access to the shelves of the Library, where can be found a number of volumes bearing directly upon the work in hand. Also, the splendid Houck Collection of Statuary is of incalculable value to the work of the department, and students here have an opportunity to secure an accurate knowledge of some of the very best work of the great masters.

High school teachers will be interested especially in the illustrative materials being prepared in model by the different classes studying Caesar's Gallic Wars. These models add very much to the interest of the classes, and can be readily reproduced by any student, in any school.

Students choosing Latin as a major subject under the three-year program for High School teachers must offer courses A, B, and C for entrance. Students wishing to take Latin with no view to specialization are not affected by this requirement.

ELEMENTARY COURSES.*LATIN.*

A. First Year Latin. The year is given to a thorough drill in forms and the simpler constructions. During the third term

some connected Latin is read, as an introduction to the work of the second year. For beginners. 5t, cr 1 u el, 3 hrs adv.

Texts: Collar and Daniell's First Year Latin; Collar's New Gradatim.

A2. First Year Latin. Same as A, but begins with the work of the second term. For students who have at least one term's work. 5t, cr 1u el, 3hrs adv.

Texts: Collar and Daniell's First Year Latin; Collar's New Gradatim.

B. Second Year Latin, Caesar. During the first term the more difficult parts of the work of the first year are studied anew and simple Latin is read, equivalent in amount to one book of Caesar. The remainder of the year's reading is given to Caesar's Gallic Wars. Prose composition one hour a week. Sight reading. Assigned readings. 5t, cr 1u el, 4 hrs adv.

Texts: Miller and Beeson's Second Year Latin; Allen and Greenough's New Latin Grammar; Pearson's Prose Composition.

C. Third Year Latin, Cicero's Orations. Six or seven of the orations of Cicero are read and usually about 700 lines of the *Metamorphoses* of Ovid. Sallust's *Catiline* may be read in place of the Ovid. Prose composition one hour a week. Sight reading. Assigned readings. 5t, cr 1 u el, 4 hrs adv.

Texts: D'Ooge's *Orations of Cicero*; Miller's *Ovid*; Allen and Greenough's *Latin Grammar*; Pearson's *Prose Composition*.

COLLEGE COURSES.

1. Fourth Year Latin, Vergil. Six books of Vergil's *Aeneid* are read. In place of one book of the *Aeneid*, the *Eclogues* may be substituted. Sight reading. Assigned readings. Latin Versification, especially *Dactylic Hexameter*. 4t, cr 4 hrs.

Texts: Fairclough-Brown's *Vergil*; Allen and Greenough's *Latin Grammar*.

1p. Latin Writing. Designed to accompany 1, based mainly upon Cicero's *Orations*. Three terms. 1t, cr 1 hr.

Text: Daniell-Brown's *Latin Prose Composition*.

2. Cicero, Livy and Horace. One of the philosophical essays of Cicero is read, *De Senectute* or *De Amicitia*, the *Twenty-first Book of Livy*, and the *Odes of Horace*. In place of the *Livy* and the *Cicero* indicated, the *Agricola* and the *Germania* of Tacitus may be substituted. Latin Literature. Sight reading. Assigned readings. Three terms. 3t, cr 3 hrs.

Texts: Price's *De Amicitia* of Cicero; Moore's *De Senectute* of Cicero; Lord's *Livy*; Moore's *Odes of Horace*; Fowler's *Latin Literature*.

2p. Latin Writing. Designed to accompany 2, based mainly upon Livy and Cicero's *De Senectute*. This course is especially valuable for those who expect to teach Latin. Three terms. 1t, cr 1 hr.

Texts: Miller's Latin Prose Composition.

3. Pliny, Horace and Tacitus. Selected Letters of Pliny are read, the Satires of Horace and the Annals of Tacitus. Substitutions of equivalents may be made to meet special demands. Assigned readings. Three terms. 3t, cr 3 hrs.

Texts: Westcott's Letters of Pliny; Morris' Satires of Horace; Allen's Annals of Tacitus.

3p. Roman Life and Customs. A course based upon Maukelsey's *Pompeii*, Johnston's *Private Life of the Romans*, and Becker's *Gallus*, and requiring a very extensive use of the various volumes available in the Library. This course is of great value to those teachers who wish to make their work in Latin especially interesting and profitable, even in the earlier years. Three terms. 1t, cr 1 hr.

4. Plautus and Terence. One play of Plautus is read and two of Terence; the *Captivi* of Plautus and the *Andria* and *Adelphoe* of Terence. Plautus is studied during the first term and Terence during the second and third. Three terms. 3t, cr 3 hrs.

Texts: Morris' *Captivi* of Plautus; Fairclough's *Andria* of Terence; Johnson's *Adelphoe* of Terence.

4p. The Fine Arts Among the Romans. A brief survey of the architecture, painting and sculpture of the Romans, based upon portions of Von Mach's *History of Sculpture*, Hamlin's *History of Architecture*, and Goodyear's *Roman and Mediaeval Art*, with a very large use of the material available in the Library. This course will be of great value to prospective teachers of Latin. Three terms. 1t, cr 1 hr.

5. The Teaching of High School Latin. The purpose of this course is to prepare Latin teachers who can make the subject both interesting and profitable to their students. The general plan calls for regular observation work, reports and conferences. The various manuals for beginners are examined and discussed and in the author courses the entire bibliography of the author is studied carefully. Special attention is given to the methods of teaching Latin followed both in this country and in Europe, and the pamphlets and books which belong to the pedagogy of the subject are used constantly. Two terms. 2t, cr 1 hr.

Text: Bennet's *Teaching of Latin*.

6. **The Roman Elegiac Poets.** Selections from the poets Tibullus, Propertius and Ovid are read with special attention to the elegiac distich. Attention is paid to the minor elegists of the Augustan Age. Three terms. 3t, or 3 hrs.

Text: Carter's Roman Elegiac Poets.

7. **The History of Latin Literature.** This course treats of the writings of Latin authors from the beginning of Latin Literature with Livius Andronicus to the close of the Empire. Extracts from the writers are read and the changes that took place from time to time are discussed. Special attention is given to the more important men, such as Lucretius, Cicero, Caesar, Vergil, Ovid, Catullus, Martial and Seneca. Three terms. 3t, or 3 hrs.

Text: Smith's Selections from Latin Literature.

8. **The Epigrams of Martial.** Selected Epigrams are read and special attention is given to metres used by Martial, especially iambic trimeter and dimeter, choliambic and hendecasyllabic verse, and hexameter. Three terms. 2t, or 2 hrs.

Text: Stephenson's Select Epigrams of Martial.

9. **Roman Philosophy.** The *De Rerum Natura* of Lucretius is the basis of this course. Must be preceded by 1, 1p, 2, 2p, 3 and 7. Three terms. 3t, or 3 hrs.

Text: Merrill's Lucretius.

COLLEGE COURSES.

GREEK.

1. **First Year Greek.** The year is given to a thorough drill in forms and the simpler constructions. During the third term some connected Greek is read, as an introduction to the work of the second year. 4t, or 4 hrs.

Texts: Benner and Smyth's Beginner's Greek Book; Goodwin and White's *Anabasis of Xenophon*.

2. **Xenophon and Lysias.** The four books of the *Anabasis* of Xenophon are read, also selected orations of Lysias. Sight reading. Assigned readings. Prose Composition. Three terms. 3t, or 3 hrs.

Texts: Goodwin and White's *Xenophon's Anabasis*; Goodwin's *Greek Grammar*; Morgan's *Orations of Lysias*; Pearson's *Greek Prose Composition*.

3. **Homer, Herodotus and Demosthenes.** Four books of the *Iliad* of Homer, one book of the *Histories* of Herodotus, and one or two of the orations of Demosthenes are read. Greek Versi-

fication, especially dactylic hexameter. Prose Composition. Greek Literature. Three terms. 3t, cr 3 hrs.

Texts: Seymour's *Iliad* of Homer; Shuckburgh's Book VIII of *Herodotus*; Tarbell's *Phillipics* of Demosthenes.

4. **Thucydides, Aeschylus and Sophocles.** Book VIII of the *Histories* of Thucydides is read, also the *Prometheus Bound* of Aeschylus and the *Oedipus Tyrannus* of Sophocles. Greek metres. Three terms. 3t, cr 3 hrs.

Texts: Smith's Book VII of Thucydides; Sidgwick's *Prometheus Bound* of Aeschylus; White's *Oedipus Tyrannus* of Sophocles.

4p. **Greek Life and Customs and the Fine Arts Among the Greeks.** A course based upon Gulick's *Life of the Ancient Greeks*, Tucker's *Life in Ancient Athens*, and Von Mach's *Greek Sculpture*, and requiring very large use of the volumes available in the Library. Three terms. 1t, cr 1 hr.

5. **Greek Literature from the Translations.** A course in Greek literature based upon the translations, primarily for the benefit of those who know no Greek, but who wish to become acquainted with the literature. Wright's *Greek Literature* will be used as a handbook, with constant reference to others. The course will include a study of the Epic, the Drama and History. Three terms. 2t, cr 2 hrs.

DEPARTMENT OF MODERN LANGUAGES.

Professor Vaeth.

ELEMENTARY COURSES.

GERMAN.

A. **Grammar and Conversation.** Drill upon rudiments of grammar and upon conversation; easy exercises; memorizing colloquial sentences; reading and variations upon texts. Students who enter with the required sixteen units may take this course for college credit. Three terms. 5t, cr 1 u el, 3 hrs adv.

Texts: Bagster and Collins' *First Book in German*; Bacon's *Im Vaterland*.

COLLEGE COURSES.

GERMAN.

1. **Advanced Reading.** Grammar continued, reproduction of

short stories or selected passages; composition, practice and conversation; extensive reading. Three terms. 3t, cr 3 hrs.

Texts: Hillern's *Hoeher als die Kirche*, *Geschichten vom Rhein*; Wildenbruch's *Das Edle Blut*; Riehl's *Burg Neideck*; Seidel's *Lebe-recht Huehnchen*.

2. The Classical Period of German Literature. Three terms. 3t, cr 3 hrs.

Texts: Lessing's *Minna von Barnhelm*; Schiller's *Wilhelm Tell* and *Die Jungfrau von Orleans*; Goethe's *Hermann und Dorothea* and *Iphigenie*.

3a. Goethe's Faust. 3t, cr 3 hrs.

3b. Advanced German Composition. Thorough review of grammar. 3t, cr 3 hrs.

3c. Method. Special work for those who intend to teach German. 2t, cr 1 hr.

COLLEGE COURSES.

FRENCH.

1. Grammar and Conversation. Drill in conversation and grammar. Much oral work and dictation. Three terms. 5t, cr 1 u el, 3 hrs adv.

Texts: Fraser and Squair's *Shorter French Course*; Lazare's *Lectures Faciles*; Mairret's *La Tache du Petit Pierre*; Sicard's *Easy French History*.

2. Advanced Reading. Reproduction and composition; extensive reading; practice in conversation. Three terms. 3t, cr 3 hrs.

Texts: La Biche and Martin's *Le Voyage de Monsieur Perrichon*; Hugo's *La Chute*; Merimee's *Colomba*; Daudet's *Le Petit Chose*; Lamartine's *Jeanne d'Arc*; Daudet's *Tartarin de Tarascon*.

3. General View of French Literature. Special attention given to the classical and modern dramatics. Three terms. 3t, cr 3 hrs.

COLLEGE COURSES.

SPANISH.

1. Grammar, Reading and Composition. Practical conversation. Three terms. 3t, cr 1 u el, 3 hrs adv.

Texts: Hills and Ford's *Spanish Grammar*; Bransby's *Spanish Reader*; Valera's *El Pajaro Verde*; and Alarcon's *Novelas Cortas Escogidas*.

2. **Modern Spanish Literature.** Reading, composition and conversation. Works of representative authors, especially those of the nineteenth century, studied. Three terms. 3t, or 3 hrs.

Texts: Padre Isla's *Lesage's Gil Blas*; Galdo's *Marianels*; Valdes' *Jose Pereda's Pedro Sanchez*; Echegaray's *O Locura o Santidad*.

DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE.

Professor Marston.
Professor Riggs.
Professor Vaughan.

ELEMENTARY COURSES.

Nine units of elementary English are required, as follows: Rhetoric and Literature C, 2 units; Grammar A, 1 unit; Public Speaking B, 3 units; English Literature D, 3 units.

A. English Grammar. This course is intended to give not simply a review, but an advanced knowledge of the grammatical forms of words, and of the structure of the English sentence. Required each term. 5t, or 1 u. Miss Marston.

Text: Kittridge and Farley's *Advanced Grammar*.

B. Method in Grammar. This course is planned for students who expect to teach. It includes a rapid review of grammar and consideration of principles and problems involved in the teaching of this subject. Each term. 5t, or 1 u. Mr. Riggs.

Text: The student may use any text, though particular attention is given to those texts most in use in the schools of this Normal School District.

C. Rhetoric and Literature. This course is devoted to a practical study of the principles of rhetoric, and to constant practice in composition. Sentence structure, paragraph development and punctuation receive special attention. Selected classics from English and American authors will be studied. New classes will be formed each term. Required. Two terms. 5t, or 1 u. Miss Marston and Mr. Riggs.

Text: Brooks' *Composition*; *English and American Classics*.

D. English Literature. This course includes a general survey from Chaucer to the present time. The following selections, or their equivalents, are used for class study: Chaucer's *Prologue*,

Old English Ballads, Ivanhoe, Macbeth, Palgrave's Golden Treasury, Sir Roger de Coverly Papers, Carlyle's Essay on Burns, Macaulay's Johnson, Silas Marner. Assigned readings and compositions are required throughout the year. Required. Three terms. 5t, cr 1 u. Miss Marston and Mr. Riggs.

Text: Halleck's History of English Literature.

COLLEGE COURSES.

1. **Rhetoric and Composition.** Study of rhetorical theory is combined with practice writing throughout the course. There is constant drill in planning, outlining and writing themes and much attention to the details of putting discourse on paper and the rhetoric of the whole composition. The second term is devoted largely to study of paragraph and sentence structure and choice of words. Conferences with the instructor. Required. Two terms; repeated each term. 3t, cr 3 hrs. Miss Marston, Mr. Vaughan and Mr. Riggs.

Texts: Woolley's Handbook of Composition; Scott and Denney's Paragraph Writing.

2. **American Literature.** This course gives a general survey of American Literature from the earliest times, including the relations of our literature to the periods of our national development and to English writings. Emphasis is placed upon the distinctively original elements in American verse and prose. Students who expect to teach American Literature in high schools should take this course. Two terms, winter and spring. 3t, cr 3 hrs. Mr. Riggs.

Text: Long's American Literature; American Classics.

3a. **The Romantic Movement.** The history of the Romantic Movement in literature, its characteristics and its influences are studied. The poetry of Goldsmith, Burns, Gray, Wordsworth, Coleridge, Byron, Shelley and Keats receives careful attention. Fall term. 3t, cr 3 hrs. Miss Marston.

3bc. **Victorian Poetry.** The history of the period, the tendencies of the time and the trend of thought in the nineteenth century as reflected in the work of Tennyson, Browning, Arnold and Rossetti are carefully studied. Two terms, winter and spring. 3t, cr 3 hrs. Miss Marston.

4. **History of the English Language.** This course is intended to give the student an understanding of the origin and growth of the English language, including the growth of vocabulary, changes

in grammatical forms, and history of meanings, spelling and pronunciation. The student will read some Anglo-Saxon so as to have a basis of comparison. Some previous training in language study, thought not required, is strongly recommended. Two terms, fall and winter. 3t, cr 3hrs. Mr. Riggs.

Texts: Emerson's *Brief History of the English Language*; Sweet's *Anglo-Saxon Primer*.

5a. **English Ballads.** This course not only imparts a knowledge of folk-lore, but it furnishes an abundance of material for story-telling in the grades. The history of the ballad, its characteristics, and the influence of the ballad upon the development of other types of literature are carefully considered. Fall term. 2t, cr 2 hrs. Miss Marston.

Text: Gummere's *Old English Ballads*.

5bc. **Lyric Poetry.** The history of lyric poetry, with special attention to the development of the English lyric in Elizabethan and Stuart times is considered in this course. Two terms, fall and winter. 2t, cr 2 hrs. Miss Marston.

Texts: Schelling's *Elizabethan Lyrics* and Schelling's *Seventeenth Century Lyrics*.

6. **Dramatic Literature.** This course seeks, first, to secure familiarity with the plays of Shakespeare, and after that to prepare for intelligent reading of other dramatic literature. There is careful study of a few representative plays and much collateral reading, representing a survey of the development of the drama and study of the general principles of dramatic technique. Each term may be taken separately. Three terms. 3t, cr 3 hrs. Mr. Vaughan.

Texts: Matthew's *Study of the Drama*; *Classic and Modern Plays*.

7. **Types of American Fiction.** The influences of the old romance upon American fiction, and the variations from the old type are carefully noted in the following early romantic tales by Irving, Poe and Hawthorne; the romance of adventure by Cooper; psychological romance by Hawthorne. Among other types of fiction, the realistic short stories of James, Freeman and Harte, and the realistic novels of James and Howells receive attention. Winter term. 3t, cr 3 hrs. Miss Marston.

8. **English Essayists.** This course gives the development of the English essay, with a critical study of the leading essayists of each period in English literature. Three terms. 3t, cr 3 hrs. Miss Marston.

9. **Development of the English Novel.** History and development of the novel will be studied. Goldsmith, Scott, Austen, Dickens, Thackeray, Eliot, Stevenson and Meredith will receive attention. Spring and summer terms. 3t, cr 3 hrs. Miss Marston.

10. **English Literature.** The chief historical events, the literary ideals, the social and economic conditions from the Anglo-Saxon period to the close of the Victorian Age, will be considered. English Classics will be studied. This course is open only to advanced students. It should be taken by those who expect to teach English in high schools. Two terms, spring and summer. 3t, cr 3 hrs. Miss Marston.

Text: Long's English Literature.

11. **Narration and Description.** A one-term course in advanced composition, the aim of which is to cultivate ease, grace and precision in writing. There will be much practice in theme work, together with a study of models for the principles of narration or description. Spring term. Description will be given one year and Narration the next year. 3t, cr 3 hrs. Mr. Riggs.

12. **Modern Grammar.** A term's work for students of college rank who are already equipped with a working knowledge of the essentials of English grammar, but who desire further study in the logic of grammar and the history of English sentence structure as they combine to explain the numerous peculiarities which mark the language to-day. Spring term; repeated in summer. 3t, cr 3 hrs. Mr. Vaughan.

Texts: Leonard's Grammar and Its Reasons; numerous other reference texts.

DEPARTMENT OF PUBLIC SPEAKING.

Professor Vaughan.

Assistant Professor Hunt.

Those interested in Public Speaking courses will do well to note also the list of student organizations and contests (pp. 19-21), many of which are intended to provide training in public speaking.

ELEMENTARY COURSES.

A. **Reading.** A series of graded exercises designed to follow the progress of reading in the grades is offered to those students

who are themselves deficient in reading and to those who are especially interested in the teaching of elementary reading. Each term. 5t, cr 1 u. Mrs. Hunt.

Texts: The material used is varied from term to term.

B. Oral English and American Literature. Reading, oral composition and American literature are combined in this year's work. It is an introductory course in vocal expression, employing selections and exercises taken from American literature. There will also be a survey of the history of American literature, accompanied by much supplemental reading. The course should be taken following Course C of the regular elementary English courses. Three terms. 5t, cr 1 u. Mrs. Hunt.

Texts: Halleck's American Literature and Classics.

COLLEGE COURSES.

1. Public Speaking. One term's work for those students who cannot take the entire year's work represented by Vocal Expression 2. The class is limited in size so that it is possible for each student to receive a maximum of attention from the instructor. Exercises are assigned largely according to the needs of the individual student. Spring and summer terms. 5t, cr 3 hrs. Mrs. Hunt.

Text: Curry's Lessons in Vocal Expression.

2. Vocal Expression. The standard course of college grade for students who desire training in interpretative reading. In plan it seeks, first, to enhance appreciation of the various forms of literature; secondly, to develop expressive power in voice and body; and, thirdly, to secure by much practice freedom, ease and control in vocal expression. In addition to the three hours each week, which are devoted to study of general principles in regular recitation, two hours are devoted to laboratory practice. Each student receives much individual attention from the instructor. Three terms. 5t, cr 3 hrs. Mrs. Hunt.

Text: Curry's Lessons in Vocal Expression.

3. Extempore Speaking and Parliamentary Law. During the spring term a course is offered combining practice in extemporaneous speaking with drill in parliamentary procedure. It may be elected by students who have carried either English 1 or Public Speaking 6 during the first two terms. Spring term. 3t, cr 3 hrs. Mr. Vaughan.

Texts: Robert's Rules of Order; Shurter's Public Speaking.

4. **The Oration.** This course in oratorical composition is offered for students planning to enter the oratorical contests and for others interested in the formal oration. Frequent exercises and one complete oration are required of each member of the class. Bi-weekly conferences with the instructor. Fall term. 2t, cr 2 hrs. Mr. Vaughan.

Text: Shurter's *The Rhetoric of Oratory*.

5. **Advanced Public Speaking.** A term's work for mature students who have completed English 1, or the equivalent. There is training in the composition and the delivery of formal and informal speeches. The work includes some text-book study and lectures on general principles, study of models and numerous written and oral exercises. Some attention is given to the history of English and American oratory. Conferences with the instructor. Summer term. 3t, cr 3 hrs. Mr. Vaughan.

Text: Phillips' *Effective Speaking* and Fulton and Trueblood's *British and American Eloquence*.

6. **Argumentation and Debating.** This is primarily a course in English composition in which general principles are studied and the students prepare briefs, forensics, and other argumentative exercises representing practice in analysis and handling of evidence. One recitation a week is devoted to practice in debating. Two terms. 3t, cr 3 hrs. Mr. Vaughan.

Text: Foster's *Argumentation and Debating*.

7. **Advanced Vocal Expression.** A course planned to complete the training of students who are preparing to teach such oral English as is needed in the high school and the upper grades. Students should consult the instructor before registering. Three terms. 3t, cr 3hrs. Mrs. Hunt.

Text: Curry's *Province of Vocal Expression*.

8. **Advanced Debating.** Candidates for the inter-school debating teams who pass the preliminary trials will be expected to arrange their programs to include this course. It will consist in part of an exhaustive study of the proposition to be debated by the three normal schools. Spring term. 3t, cr 3 hrs. Mr. Vaughan, assisted by other members of the Faculty.

Text: Foster's *Argumentation and Debating*.

DEPARTMENT OF HISTORY.

Professor Johnson.
Professor Moore.
Professor Douglass.

ELEMENTARY COURSES.

AMERICAN HISTORY AND ECONOMICS.

A. Civics. The course consists of the study of essentials of the early political history of the United States, along with an analysis and study of the Federal Constitution. Special attention will be given to the study of local civic conditions and problems, and of the various proposed corrections and remedies of these conditions. The course will include also a general study of the laws and government of Missouri. Two terms, fall and winter; repeated in the spring and summer as a review course for teachers. 5t, cr 1 u. Mr. Moore.

Text: Beard's American Citizenship.

B. History of United States. The course consists of a general study of the colonial and national development of the United States, studying in a uniform manner the various phases of our national growth. Two terms, fall and winter; repeated in spring and summer. 5t, cr 1 u. Mr. Moore.

Text: McLaughlin's History of The American Nation.

C. Elementary Economics. This course will treat merely of the elements of economics and is open to students who have had substantial training in European and American history. Each term. 5t, cr 1 u. Mr. Moore.

Text: Ely and Wicker's Elementary Principles of Economics.

EUROPEAN HISTORY.

A. Ancient History. A year's work in the history of the oriental nations, Greece and Rome. Three terms. 5t, cr 1 u. Mr. Douglass.

Text: West's The Ancient World.

C. Mediaeval and Modern History. This course gives a general survey of the history of Europe from 476 A. D. to the present time. Three terms. 5t, cr 1 u. Miss Johnson.

Text: Myers' Mediaeval and Modern History.

D. English History. A general course in the political, social

and industrial history of the English people. Three terms. 5t, or 1 u. Miss Johnson.

Texts: Montgomery's History, Gibbins' Outlines of Industrial History.

COLLEGE COURSES.

AMERICAN HISTORY AND ECONOMICS.

1. **American History.** The work of this course is done by class discussions of leading phases of American History, by suggestive questions and by special reports presented and criticised in class. For this work a well supplied library of magazines, reports, and a complete collection of general and special works on American history is at the disposal of the student. Three terms. 3t, or 3 hrs.

SECTION I. Fall, winter and spring terms. Mr. Douglass.

Texts: Fall term, Thwaites' The Colonies, 1492-1750; winter term, Hart's Formation of the Union, 1750-1829; spring term, Wilson's Division and Reunion, 1829-1909.

SECTION II. Fall and winter terms. Mr. Moore.

Texts: Fall term, Hart's Formation of the Union; winter term, Wilson's Division and Reunion.

2. **Political Economy.** Along with the study of the text frequent special reports are required on assigned topics. During the last half of the year in a series of reports each student is given some special field in economic study to develop, as for example, the tariff, socialism, or the labor question. Three terms. 3t, or 3 hrs. Mr. Moore.

Text: Fetter's Principles of Economics.

3. **Comparative Government.** The object of this course is to make a comparative study of the leading governments of the world in their historic development and also as they operate under modern conditions. The course is open to advanced students in history. Spring and summer terms. 3t, or 3 hrs. Mr. Moore.

Text: Wilson's The State.

4. **History of Missouri.** This course covers the history of the state from the earliest explorations, but special stress is laid on the period from 1803 to the present. The economic, social and political history of the state is treated. Lectures and readings. Summer term. 3t, or 3 hrs. Mr. Douglass.

EUROPEAN HISTORY.

1a. History of Greece. A general course in Greek history to the conquest by Rome in 146 B. C. Stress is laid on the development of democracy. Fall term. 3t, cr 3 hrs. Mr. Douglass.

Text: Oman's History of Greece.

1b. Greek Life. A reading and lecture course on the home life of the Greeks, their occupations, art, literature, and philosophy. Winter term. 3t, cr 3 hrs. Mr. Douglass.

2a. History of Rome. The founding of the republic and its history to 133 B. C. Stress is laid on the economic, social, and political development of the Romans. Fall term. 3t, cr 3 hrs. Mr. Douglass.

Text: Mommsen's History of Rome.

2b. History of Rome. The period of civil strife from 133 B. C. to the death of Caesar. Winter term. 3t, cr 3 hrs. Mr. Douglass.

Text: Mommsen's History of Rome.

2c. The Roman Empire. The founding of the empire and its history through the reigns of the Antonines. Spring term. 3t, cr 3 hrs. Mr. Douglass.

Text: Cape's The Early Empire, The Age of the Antonines.

3a. Europe from 376 A. D. to 800 A. D. A discussion of the German invasion, the spread of Christianity, the beginnings of modern European states, and the rise of Mohammedanism. Lectures, readings, and reports. Spring term. 3t, cr 3 hrs. Mr. Douglass.

3b. History of the Middle Ages, from 800 A. D. to 1500 A. D. This course is a general survey of the history of Western Europe from Karl the Great to the beginning of the modern period. Fall term. 3t, cr 3 hrs. Miss Johnson.

Text: Thatcher's History of Mediaeval Europe.

3c. History of Modern Europe. The work of this term includes the Reformation, the wars of religion, and the ascendancy of France under Louis XIV. Winter term. 3t, cr 3 hrs. Miss Johnson.

Text: Schwill's Political History of Modern Europe.

3d. Modern Europe During the Eighteenth and Nineteenth

Centuries. Much of the work of this term is given to the French Revolution, and to the development of constitutional government during the nineteenth century. Spring term. 3t, cr 3 hrs. Miss Johnson.

Text: Schwill's Political History of Modern Europe.

4a. History of England to the Tudor Period. Early Britain, the Teutonic tribes, their government and life, the conquest of Britain, the Danish struggle, the Norman conquest, English feudalism, the rise of Parliament, and the general industrial development of the period. Fall term. 3t, cr 3 hrs. Miss Johnson.

Text: Gardiner's Student's History of England.

4b. History of England from Henry VII to the Present Time. This course deals with the growth of modern England, and is concerned with the great movements and forces which made the English people and government what they are. Winter term. 3t, cr 3 hrs. Miss Johnson.

Text: Gardiner's Student's History of England.

4c. Constitutional History of England. A careful study is made of the historical development of constitutional government in England, together with an examination of the present English Constitution. Spring term. 3t, cr 3 hrs. Miss Johnson.

Text: Moran's English Government.

6. Current History. A study of present political and social movements. Fall term. 2t, cr 2 hrs. Miss Johnson.

7. Historical Method and Material. This course includes a study of methods of work in schools of various grades. It deals with the sources of history, the collection and criticism of material, method of organization and interpretation of material, and the relation of history to other lines of work. The time to be devoted to the subject is considered, and the use of outlines, maps, charts, and other material. Spring term. 1t, cr 1 hr. Miss Johnson.

DEPARTMENT OF MATHEMATICS.

Professor Johnson.

Professor Knepper.

ELEMENTARY COURSES.

A. Elementary Algebra. The idea of the equation as an instrument of mathematical investigation will be early introduced and constantly emphasized throughout the course. The work of the first term will be the mastery of the principles of addition, subtraction, multiplication, division, factors, common multiples, and fractions. Second term work will deal primarily with simple equations of several unknown quantities. The third term will be devoted to the subjects pertaining to quadratics. 5t, cr 1½ u. Mr. Johnson and Miss Knepper.

Text: Hawkes, Luby and Touton's Algebra.

B. Plane Geometry. This subject will be presented as a method of reasoning rather than as an acquirement of geometric facts. With this in view special emphasis will be given to original demonstrations. Some attention will be given to the history of the development of the subject. Two terms. 5t, cr 1½ u. Mr. Johnson and Miss Knepper.

Text: Lyman's Plane Geometry.

C. Solid Geometry. As ordinarily presented this subject is only a continuation of plane geometry. While this plan will not be disregarded, solid geometry as an independent subject will be emphasized as far as can be done for elementary students. One term. 5t, cr 1½ u. Mr. Johnson and Miss Knepper.

Text: Lyman's Solid Geometry.

D. Method in Advanced Arithmetic. Offered each term. 5t, cr 1 u. Mr. Johnson.

Text: Lyman's Advanced Arithmetic.

COLLEGE COURSES.

1. College Algebra. The theory and solution of higher equations will be made the basis of this work. Two terms. 4t, cr 4 hrs. Miss Knepper.

Text: Hawkes' Advanced Algebra.

2. Trigonometry. The work in trigonometry is considerably condensed by omitting many of the fancy exercises of the ordi-

nary text book and giving more time to the practical application of the subject. One term. 4t, or 4 hrs. Miss Knepper.

Text: Wentworth's Plane and Spherical Trigonometry.

3. **General Astronomy.** The course aims to give a general knowledge of astronomy such as educated people should have and to prepare teachers for a better understanding of mathematical geography. The department has a refracting telescope with five-inch objective, mounted equatorially. Two terms. 3t, or 3 hrs. Mr. Johnson.

Text: Young's Manual of Astronomy.

4. **Analytic Geometry.** The aim will be to present the subject as a new instrument of investigation and not merely a study of the properties of conic sections. Three terms. 3t, or 3 hrs. Mr. Johnson and Miss Knepper.

Text: Gale and Smith's Analytic Geometry.

5. **Calculus.** Differentiation and integration of all ordinary algebraic and transcendental functions followed by their various applications. Three terms. 3t, or 3 hrs. Mr. Johnson.

Text: Granville's Differential and Integral Calculus

DEPARTMENT OF PHYSICS.

Professor Lewis.

The Physical Laboratory is well equipped for the teaching of every phase of this important subject. Apparatus is provided for demonstrations and experiments in properties of matter, kinetics, machines, sound, heat, light, magnetism and electricity. Among the more important apparatus are high-grade chemical balances, micrometer slide, D'Arsonval galvanometers, Weston meters, standard resistances, high-grade diffraction gratings, besides an abundance of less expensive pieces for elementary experiments. A 60-volt Edison storage battery of 3,300 ampere hours capacity has recently been installed. The large switchboard which has been installed has volt meters, ammeters, watt-hour meters and rheostats for both alternating and direct currents. It also carries connecting switches for each cell of a storage battery so that any combination of cells to give any desired voltage or amperage up to the maximum, may be obtained. Power on the board is obtained from our own 220-volt direct current, or from the 110-volt, 3-

phase alternating current from the city. Connections lead from the board to the lecture table and to each of the student tables so that all the equipment is available in all parts of the room. Recently a complete outfit for wireless telegraphy has been installed.

An excellent optical bench, photometers, Hefner light unit, and standard candles, make possible some splendid work in light. All the common sources of illumination are supplied and by means of electric meters and a gas meter the cost per candle power can be determined.

The demand for physics teachers at present is greater than can be supplied. The department now offers a year's work in elementary physics and three years of college physics, which may be classed as pure science. This will thoroughly prepare teachers of high school physics and will give adequate preparation in this subject for those who are planning to enter some school of engineering, medicine, or agriculture. In addition to these courses, two others, one in Household Physics, and one in Agricultural Physics, are offered for those whose lack of time does not permit an extensive course, but who wish a brief, practical study to give the direct applications of physics to the fields of their especial interest.

ELEMENTARY COURSES.

A. Elementary Physics. A course in general physics for students of high school rank. Mechanics, sound, light, heat and electricity are treated. Many demonstrations are given at the lecture and recitation period and each student is required to do a given amount of laboratory work. The class meets five times per week, one or more periods being devoted to laboratory work. Prerequisite, algebra. Three terms. 5t, or 1 u.

COLLEGE COURSES.

1. First Year College Physics. A course in general physics for students of college rank who have had no physics. The same general subjects as in Physics A. Much more intensive work is required, however, and each subject is treated more fully. Individual laboratory work required of each student. Prerequisites, algebra and geometry. Three terms. 4t, or 4 hrs.

2. Second Year College Physics. For students who wish to specialize in science, who wish to prepare for teaching physics in high schools, or who are planning to enter some school of applied science such as medicine, engineering or agriculture. No laboratory work is required except the preparation of occasional demonstrations to accompany individual reports. These reports are

made on subjects assigned by the instructor and are given before the class at the regular lecture and recitation period. Prerequisites, Physics A, or Physics I, or equivalent, and General Chemistry 1. College algebra and trigonometry, unless previously taken, should be elected simultaneously with this course. Three terms. 3t, cr 3 hrs.

3. **Agricultural Physics.** The object of this course is to give a thorough understanding of the fundamental principles of farm engineering. The laboratory work is devoted to testing efficiencies of the different simple machines and of steam engines, gasoline engines, etc. Methods of heat transmission are studied with their application to hot air, hot water, steam and force-draft systems of heating. A practical study of the cost of installation and of maintenance of these systems is made. In electricity, primary and storage batteries and such motors and dynamos as may be used on the farm are studied. In the laboratory, brake test apparatus and ammeters, volt meters and watt meters for both alternating and direct currents are provided and careful efficiency tests are carried out with many different electrical machines. Different systems of lighting are studied and laboratory work is carried out to show the cost per candle power of various electric, gas, gasoline, oil and Welsbach mantle lights. Three terms. 4t, cr 4 hrs.

4. **Household Physics.** A course for students of college rank. Required of all specializing in Domestic Science. This course is similar in grade of work and prerequisites to Physics I. It differs by omitting all subjects treated under general physics which do not have a direct bearing on household economy. Special emphasis is laid on cost of installation and operation of many household appliances which are studied. The work includes mechanics of gases and liquids as applied to sanitary plumbing, systems of heating (hot water, hot air, steam, electricity), systems of lighting, cost per candle power of various electric, gas, gasoline, oil and mantle lights, and a study of a large number of electrical appliances to be found in the modern household. Individual laboratory work required of each student. Two terms, fall and winter. 4t, cr 4 hrs.

5. **Advanced Laboratory Physics.** A course to accompany Physics 2. This is an advanced laboratory course carried out under the supervision of the instructor. No specified amount of work is required. The work is entirely individual; so the student may do much or little at his choice. Credit will vary from one to four

hours, depending on the amount of work done. Special music students will find this course very interesting and may at their choice devote most of their time to work in sound. The laboratory is open for work every school day from 8 a. m. until 6 p. m. Three terms.

6. **Spectroscopy.** Advanced work in light. Lecture, demonstration and laboratory work on measurement of wave lengths, indices of refraction, anomalous dispersion, the solar spectrum, bright-line spectra, resolving power of optical instruments, distribution of energy in various spectra, polarized light, plane, circular and elliptical polarization, rotation of the plane of polarization, magnetic rotation, the Zeeman effect, etc. Prerequisites, Physics 2, Physics 5, and Calculus 5. Fall term. 3t, cr 3 hrs.

7. **Direct Current, Dynamo and Motor Machinery.** Magnetic circuits, hysteresis, characteristic curves, speed relations, etc. Lecture, recitation and laboratory work. Prerequisites, Physics 2, and Physics 5. Winter term. 3t, cr 3 hrs.

8. **Alternating Currents.** Effect of induction and capacity, transformers, polyphase currents, rotating fields, resonance, high potential phenomena, etc. Prerequisites, Physics 7 and Calculus 5. Spring term. 3t, cr 3 hrs.

9. **Radio-Activity.** The alpha, beta and gamma rays, radioactive transformations, the electron theory. Prerequisites, Physics 2 and Physics 5. One term. 2t, cr 2 hrs.

10. **The Teaching of General Science in the Grades.** A detailed outline for fall, winter and spring work for the eight grades is given. As far as possible the class work covers the subject matter which the course outlines for the eight grades. Nature study—the study of Nature—must include both physical and biological sciences. In this outline an attempt is made to find a balance between these two phases of the larger subject. In the class work attention is centered largely on physical nature study, on the assumption that students electing this course will also elect Course 5, "Teaching of Nature Study," in the Department of Biology. Open to all college students. Spring term. Very little work is done out of class. 4t, cr 2 hrs.

DEPARTMENT OF CHEMISTRY.

* Professor Magill.

† Professor Godlove.

The Department of Chemistry is well equipped for work in general inorganic chemistry, organic chemistry, qualitative and quantitative analysis, analysis of gas, water, cement, coal, flour, feed, soil, etc.

The laboratory is equipped with slate-top desks and individual lockers. Each desk has gas and water. Every student is furnished with a complete set of apparatus and reagents. A large quantity of glass and porcelain ware, together with many pieces of apparatus for special work has recently been imported. An electric hot plate, electric and gas furnaces, accurate balances and all the material necessary for good work in chemistry are at the disposal of the student.

A new lecture room supplied with lecture table, gas, water and electric connections and a high-grade lantern, has recently been fitted up.

The following courses are offered:

ELEMENTARY COURSES.

A. Elementary Chemistry. A general course covering the elementary phases of the subject. Particular attention is paid to commercial processes. Abundant laboratory practice. Three terms. Three recitations and two double laboratory periods a week. cr 1 u.

Text: Smith's Elementary Chemistry.

B. Elementary Qualitative Analysis. Spring term. 5t, cr 1 u.

Text: Irish's Qualitative Analysis.

COLLEGE COURSES.

1. General Inorganic Chemistry. This course is open to students of college rank. Three recitations and two double laboratory periods a week. Three terms. cr 4 hrs.

Text: Newell's College Chemistry.

2. Qualitative Analysis. A general introduction to the subject. Eight hours of laboratory work per week. Every term. cr 4 hrs.

Text: Gooch and Browning's Qualitative Analysis.

3. Quantitative Analysis. A course dealing with quantitative

* On leave of absence.

† For year 1915-'16.

work as applied particularly to industrial processes. Special problems will be assigned the student for investigation. Every term. Eight hours of laboratory work per week. cr 4 hrs.

4. **Organic Chemistry.** A general survey of the field. Spring term. 4t, cr 4 hrs.

Text: Remsen's Organic Chemistry.

5. **Agricultural Chemistry.** The application of chemistry to soils, soil analysis, plant nutrition, fertilization of soils, and farm operations in general constitute the subject of study. This course will be given in connection with the Department of Agriculture. One term. cr 4 hrs.

6. **Chemistry of Foods and Food Analysis.** This course requires a knowledge of the elements of inorganic chemistry, and is designed to meet the requirements of the course in Domestic Science. Three recitations and two double laboratory periods a week. Spring term. cr 4 hrs.

7. **Chemistry of Foods and Food Analysis.** A continuation of Course 5. Spring term. cr 4 hrs.

DEPARTMENT OF GEOGRAPHY.

Professor Logan.

ELEMENTARY COURSES

A. **Physical Geography.** Two terms, fall and winter; repeated in spring and summer terms. 5t, cr 1 u.

Text: Arey-Bryant-Clendennin-Morey Physiography.

B. **Commercial Geography.** This course treats briefly of physiographic processes and features, and develops at greater length the relations of earth, air, and water to life, and especially to human affairs. Particular attention is paid to geographic influences in the commercial development of Missouri and the United States. Two terms. 5t, cr 1 u.

C. **Geography.** A consideration of geography teaching based on a study of facts and relations. It involves home geography, the geography of Missouri, the United States, and certain other selected regions. The aim is to discover principles and to relate facts rather than to teach a large number of isolated facts. Map-making, modeling and other modes of expression receive attention. Every term. 5t, cr 1 u. Miss Brucher.

COLLEGE COURSES.

1. **Geology of Soils.** A course dealing with the general principles of geology, with special attention given to rock weathering and soil formation. Winter term. 3t, cr 2 hrs. Mr. Logan.

DEPARTMENT OF BIOLOGY.

Professor Roberts.

The Department of Biology has the usual facilities for satisfactory study of plant and animal life. The laboratory is supplied with water, gas and electricity. It contains twenty laboratory tables, each of which contains drawers for note books and other individual property used by the students in their biology work. There are at each table one simple and one compound microscope for student use. The collections of animals and plants for illustration are steadily growing. In the lecture room is a stereopticon equipped for the projection of lantern and microscopic slides and of opaque objects. The department supplies, free of cost to the students, the laboratory manuals, dissecting instruments, glassware and material for study.

ELEMENTARY COURSES.

The work in science is so arranged that elementary students will find it advisable to take up in the first years of their work, Elementary Biology, Physical Geography or Agriculture.

The courses comprised under the term Elementary Biology are intended for students of high school grade, who have had little or no previous work in natural science. The three courses constitute one full year's work, and should all be taken by students enrolling in any of these courses. It will be noted that Courses A1 and A2 are concerned with animals, while Course A3 deals with plants.

A1. Elementary Biology. Deals especially with insects and their relatives; grasshopper, cricket, katydid, butterfly, mosquito, harvest fly, bugs, beetles, spiders, millipeds, centipeds, and crayfishes. Largely laboratory and field work, with readings, recitations and lectures. The economic phase of the subject receives emphasis. Open to elementary students. Fall term. 5t, cr 1 u.

Texts: Linville and Kelly's General Zoology; Colton's Practical Zoology.

A2. Elementary Biology. Continuation of Course A1. Takes up the study of representative animals of the groups not included in A1; hydra, earthworm, leech, snail, mussel, fish, frog, turtle, sparrow and rabbit. Stress is laid upon the common animals of this region. Morphology, physiology and ecology are considered. Open to all elementary students. Winter term. 5t, cr 1 u.

Texts: Linville and Kelly's General Zoology; Colton's Practical Zoology.

A3. Elementary Biology. Studies of our common plants. Structure and function of roots, stems, leaves, flowers, fruits and seeds. Development of plants. Plant ecology. Uses of wild and cultivated species of this locality. Open to all elementary students. Spring term. 5t, cr 1 u.

Text: Bergen and Caldwell's Introduction to Botany.

COLLEGE COURSES.

Courses 1a, 1b and 1c are consecutive in the order named. It is desirable that all three be taken by students entering on any one of the courses and that they be taken in this order. The work is based on comparative studies of type forms, with the aim of developing the important principles of zoology. It includes a consideration of relationships, distribution, habits and adaptations of animals.

1a. Invertebrate Zoology. The lower invertebrates, including single-celled animals, sponges, corals, jellyfishes, flatworms, round-worms and star-fishes. Open to all advanced students. Fall term. 4t, cr 4 hrs.

Texts: Hegner's College Zoology; Drew's Invertebrate Zoology.

1b. Invertebrate Zoology. The higher invertebrates, including worms, leeches, snails, mussels, crustaceans, insects and spiders. Open to all advanced students. Winter term. 4t, cr 4 hrs.

Texts: Hegner's College Zoology; Drew's Invertebrate Zoology.

1c. Vertebrate Zoology. A course dealing with the higher animals: Fishes, batrachians, birds and mammals. Open to all advanced students. Spring term. 4t, cr 4 hrs.

Text: Hegner's College Zoology.

Courses 2a, 2b and 2c constitute one year's work in general botany and are consecutive in the order named. They should, if possible, be taken in this order.

2a. Plant Physiology. The physiology of common wild and cultivated plants, including discussions of such topics as absorption, transpiration, photosynthesis, digestion, translocation, growth, reproduction, and responses to stimuli. Open to all advanced students. Fall term. 4t, cr 4 hrs.

Texts: Atkinson's College Botany; Bergen and Davis' Laboratory and Field Manual of Botany.

2b. Morphology. Detailed study of the structure and life

histories of selected representatives of the great groups of plants from simplest to highest with attention to the homologies found in the reproductive parts. Open to all advanced students. Winter term. 4t, cr 4 hrs.

Texts: Atkinson's College Botany; Bergen and Davis' Laboratory and Field Manual of Botany.

2c. Plant Ecology. Relation of plants to their environment, especially as illustrated by the higher plants. Organization of plant tissues. Adaptations. Distribution of plants. Open to all advanced students. Spring term. 4t, cr 4 hrs.

Texts: Atkinson's College Botany; Bergen and Davis' Laboratory and Field Manual of Botany.

3. Economic Entomology. Insects: Structure, physiology and habits. Special attention to their benefits and injuries to man. Open to all advanced students. One term, summer and fall. 4t, cr 4 hrs.

Text: Sanderson and Jackson's Elementary Entomology.

4. Bacteriology. General principles, methods of proceeding, and studies of selected forms. Open to all students that have completed one year's work in Zoology or Botany, preferably an advanced course. Spring term. 4t, cr 4 hrs.

Texts: Buchanan's Household Bacteriology; Moore's Laboratory Directions in Bacteriology.

5. Teaching of Nature Study. A course in which the purposes of nature teaching are considered as well as the extension of knowledge of the subject matter. Studies of trees, weeds, insects, birds and insectivorous animals, constitute a large part of the work. Open to all advanced students. Spring and summer. One term. 5t, cr 3 hrs.

Text: Hodge's Nature Study and Life.

7. Seed Plants. Morphology, life histories and classification of the common seed plants of this region. Largely field work. Open to all advanced students. Spring and summer. One term. 4t, cr 4 hrs.

Text: Leavitt's Outlines of Botany with Flora.

DEPARTMENT OF AGRICULTURE.

Professor Babcock, Head of Department.
 Assistant Professor Logan, Animal Husbandry.
 Assistant Professor Johnson.

EQUIPMENT.

Just north of the campus is a field of thirty acres on which are located the farm house, barn, poultry plant, orchards, gardens and field plots. Such teams and implements as are needed for the care and cultivation of this land are owned by this department. Such machinery as is needed in classroom work is loaned by implement companies.

OBJECT.

Training teachers in practical agriculture is the primary object. Since agriculture as taught in the classroom must agree with that practiced on the farm, young men expecting to practice rather than teach the subject will find this a good place to study Southeast Missouri Agriculture.

ADVANCED THREE YEAR PROGRAM.

The completion of this program carries with it a Life State Certificate.

To prepare teachers of Agriculture for high schools the following program is offered. The demand for trained men and women in Agriculture increases each year. Young men especially will find this program, together with a few years spent in teaching these special subjects, one of the best preparations for specializing in the field of Agriculture. There are more openings in Agriculture than in any other calling or profession. Many positions in Southeast Missouri are not filled because trained men at any price are not available.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Chemistry 1	4	Chemistry 2	4	Agr. Chem'try 5..	4
Stock Judging 5b	3	Types&Breeds 5a	3	Dairying 7	4
Education 1a	3	Man'l Training ..	1½	Man'l Training ..	1½
Man'l Training....	1½	Education 1b	3	Education 4	3
Forage Crops 4c..	3	Field Crops 4a ..	4	Plant Prop't'n 8b	2
	<hr/> 14½		<hr/> 15½		<hr/> 14½

SECOND YEAR.

Fall Term.	Hours.	Winter Term.	Hours.	Spring Term.	Hours.
Plant Phys. 2a		Morphology 2b		Plant Ecol. 2c or	
or Zoology 1a..	3	or Zoology 1b..	3	Zoology 1c	3
Phys. Practice	1½	Phys. Practice	1½	Phys. Practice	1½
Farm M'g't 1	3	Fruit Prod't'n 8a	3	Soils 3	3
Educate'n 2a or 9a	3	Educate'n 2b or 9b	3	Education 3a	3
Educate'n 6a or 9a	3	Educate'n 6b or 9b	3	Education 8	3
Forge 6	1½	Forge 6	1½	Forge 6	1½
	<hr/> 15		<hr/> 15		<hr/> 15

THIRD YEAR.

Fall Term.	Hours.	Winter Term.	Hours.	Spring Term.	Hours.
Agr. Physics 3a..	4	Agr. Physics 3b..	4	Agr. Physics 3c..	3
Rural Econ. 9.....	3	Soil Geology 10..	2	Poultry 6	3
Insects 12	3	Prin. of Breed'g 2	3	Bacteriology 4	2
Education 5a	4	Education 5b	4	Farm Accts. 11.....	2
	<hr/> 14	Educate'n 3b or 9b	3	Education 3c	3
			<hr/> 16	Edu. Elective	3
					<hr/> 16

COURSES FOR TEACHERS IN RURAL SCHOOLS.

These courses are intended to prepare teachers who are working to complete the course for the rural school certificate to teach courses offered for the Agriculture in the rural schools. Students working for the rural school certificate may take such college courses in Agriculture as they are prepared to take.

G1. Elementary Agriculture. This course is an introduction to the subject, paying particular attention to the fundamental laws of Agriculture and their application. Soils and soil fertility are included in the first term. Repeated each term. 5t, cr 1 u. Mr. Babcock.

Text: Warren's Elements of Agriculture.

G2. Elementary Agriculture. The study of field crops and farm animals occupies the greater part of the second term's work. Course G1 is not a prerequisite. Repeated each term. 5t, cr 1 u. Mr. Logan.

Text: Warren's Elements of Agriculture.

COLLEGE COURSES.

1. **Farm Management.** Some of the topics discussed are

intensive and extensive farming, stock and grain farming, maintenance of fertility, rotations, and marketing. 5t, cr 3 hrs. Fall term. Mr. Logan.

Text: Warren's Farm Management.

2. Principles of Breeding. A study of the forms of variation, origin of breeds and species, heredity and the laws of hybrids and the application of these facts to grading, crossing, line breeding, and inbreeding. Winter term. 5t, cr 3 hrs. Mr. Babcock.

Text: Davenport's Principles of Breeding.

3. Soils. The physical condition of soils, the seed bed, control of soil-water, drainage systems, care of tile-drained land, and the use of fertilizers. Special attention is paid to the management of gumbo, buckshot, alkali, and other problems. Repeated each term. 5t, cr 3 hrs. Mr. Babcock.

Text: Lyon and Fippin's Soils.

4a. Field Crops. A study of corn and small grains, corn judging occupying the greater part of the laboratory work. Repeated each term. 5t, cr 4 hrs. Mr. Babcock.

Text: Duggar's Southern Field Crops.

4b. Cotton. The history, cultivation, marketing, soil and climate requirements, insect enemies and diseases, the uses of this wonderful plant and its peculiar adaptation to the lower counties of this Normal School District. Spring term. 5t, cr 4 hrs. Mr. Babcock.

4c. Forage Crops. Alfalfa, bermuda, and other legumes and grasses that are grown in Southeast Missouri. Preparation of seed bed. Harvesting and uses of each crop. Fall term. 4t, cr 3 hrs. Mr. Babcock.

5a. Types and Breeds of Farm Animals. History of farm animals, type, conformation, and breed characteristics. Winter term. 5t, cr 4 hrs. Mr. Logan.

Text: Plumb's Types and Breeds of Farm Animals.

5b. Stock Judging. A study of the score card, its application and the comparative judging of farm animals. Fall, spring and summer terms. 4t, cr 2 hrs. Mr. Logan.

Text: Plumb's Animal Husbandry.

6. Poultry. A course dealing with the value and importance of poultry, the different breeds and how to handle and care

for poultry. Spring term. 3t, cr 2 hrs. Mr. Logan.

7. **Dairying.** A practical course in the production of milk, its care in handling, and the manufacture of milk products. Spring term. 5t, cr 4 hrs. Mr. Logan.

Text: Eckel's Dairy Cattle and Milk Production.

8a. **Fruit Production.** A knowledge of the fruits in South-east Missouri, their care and cultivation, the control of orchard and garden pests, and the judging, grading and marketing of fruit. Winter term. 4t, cr 3 hrs. Mr. Logan.

Text: Green's Fruit Growing.

8b. **Plant Propagation.** A course dealing with the methods of propagating plants by means of seeds, bulbs, cuttings, layers, grafting, and budding. Spring term. 3t, cr 2 hrs. Mr. Logan.

9. **Rural Economics.** The general principles of economics and the history of modern agriculture are studied, together with some of the problems peculiar to rural life, as the country church, the country school, community interests, production and distribution of farm products, tenantry, taxation, roads, etc. Fall term. 3t, cr 3 hrs. Mr. Logan.

Text: Carver's Principles of Rural Economics.

11. **Farm Accounts.** Accurate and practical system of keeping farm accounts is taught. Spring term. 2t, cr 1 hr. Mr. Logan.

12. **Insects.** A study of the insects affecting the crops of the farm, garden and orchard, including their life histories and habits and means of control. Fall term. 4t, cr 3 hrs. Mr. Babcock.

Text: Sanderson's Insects, Pests of Farm, and Garden and Field.

DEPARTMENT OF HOME ECONOMICS.

Professor Shilling, Domestic Science.

Professor Smith, Domestic Art.

EQUIPMENT.

The department is provided with a well equipped kitchen, pantry, dining room and sewing room, affording ample facilities for laboratory work in cooking, sewing and dressmaking.

AIM.

The aim of this department is two-fold. First, to furnish training for those who expect to become teachers of the subject; second, to offer an opportunity for young women of the school to receive as a part of their education training which shall make them efficient homemakers.

PLAN OF COURSES.

There are two programs offered by the department. The three-year program, which leads to the Life State Certificate, and the four-year program, which also leads to the Life State Certificate and gives the Bachelor of Science Degree in Home Economics. The requirements for admission to the three-year program are the same as for all the regular Advanced Professional Courses.

ADVANCED PROFESSIONAL PROGRAM IN HOME ECONOMICS.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
English 1a	3	English 1b	3	Eng. or Pb. Sp....	3
Chemistry 1	4	Chemistry 1	4	Organic Chem. 4..	3
Cooking 3a	3	Cooking 3b	3	Cooking 3c	3
Education 1a	3	Education 1b	3	Education 4	3
Phys. Practice	1½	Phys. Practice	1½	Phys. Practice	1½
Sewing 7	1½	Arch. Drawing 11	1½	Arch. Drawing 11	1½
	<hr/> 16		<hr/> 16		<hr/> 15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Chem. of Foods 6	4	Exp. Cooking 4..	3	Textiles 2c	3
Sewing 5a	1½	Sewing 5b	1½	Sewing 5c	1½
Plant Phys. 2a or		Morphology 2b		Bacteriology 4	4
Zoology 1a	4	or Zoology 1b..	4	Education 3a	3
Educat'n 2a or 9a	3	Educat'n 2b or 9b	3	Education 8	3
Educat'n 6a or 9a	3	Educat'n 6b or 9b	3		
	<hr/> 15½		<hr/> 14½		<hr/> 14½

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Physics 4a	4	Physics 4b	4	First Aid 6a	2
House Mgt. 1	3	Dietetics 9a	3	Prev. Medicine 6b	2
Sewing 8	1½	Sewing 8	1½	Dietetics 9b	3
Education 5a	4	Education 5b	4	Cooking 4c	3
Edu. Elective	3	Educat'n 3b or 9b	3	House Furn. 2b....	2
	<hr/> 15½		<hr/> 15½	Education 3c	3

COLLEGE COURSES.

1. **Household Management.** Lectures, discussions and practical work. The course takes up the problems of modern households, providing instruction in the various household arts with which the housekeeper should be familiar, in the systematic and economical administration of the affairs of the home. A study of the expenditures involved in housekeeping and the apportionment of income. A study of the sanitary conditions which determine the healthfulness of the private house. Required. Fall term. 3t, cr 3 hrs. Miss Shilling.

2b. **House Furnishing.** This course deals with the evolution of the home and its furnishings; the psychological effect of a well-planned and well-managed home; the planning of houses of various prices, taking into consideration the location, exposure, neighborhood, inhabitants, income and tastes of the family; and with a study of the character of primitive homes, leading up to the American homes of to-day and their influences on society. The materials for floor coverings, curtains, draperies and furniture are discussed, whole color schemes for rooms of different exposures are made out. Stores are visited to see good and poor wall decoration, floor and room furnishings, while the different woods with their prices and finishes are examined and discussed. At the end of the term each student is required to hand in the plan of a house, completely furnished, the color scheme, kind of furniture and articles and cost of each room. Prerequisites: Drawing (applied design), Architectural Drawing. Spring term; repeated in summer term. 2t, cr 2 hrs. Miss Smith.

2c. **Textiles and Clothing.** The course is intended to give a practical understanding of the textile fibres and the processes of their manufacture. It includes a study of the history of textile industries, the vegetable and animal fibres in common use, their cost, comparative values, and how to dye and cleanse them; samples of materials with their cost, name, width and adulterations. Prerequisite: Elementary Chemistry. Spring term. Two lectures and two hours laboratory work. cr 3 hrs. Miss Smith.

3. **Cooking.** A lecture and laboratory course designed to give instruction in the fundamental principles of cooking and to give practice in the application of these principles in the cooking of typical foods, so as to develop skill and efficiency in handling materials and utensils. Three terms. Three double periods. cr 3 hrs. Miss Shilling.

4a. **Experimental Cooking.** Lectures and laboratory work. The course is desired to place cooking upon a scientific basis. The application of chemical and physical principles in cooking is considered. A study is made of cooking processes, the comparative cost of fuels, methods of preparing food materials, recipes and comparative costs of materials used. Required. Winter term. Two three-hour periods. cr 3 hrs. Miss Shilling.

4b. **Experimental Cooking.** Elective. Spring term. Two three-hour periods. cr 3 hrs. Miss Shilling.

4c. **Home Cooking and Serving.** Lectures and laboratory work. The course is designed to give opportunity for practice in home cooking. It includes the planning, preparation and serving of breakfasts, luncheons, dinners and suppers at a given cost. Two three-hour periods. Spring term. Required. cr 3 hrs. Miss Shilling.

5. **Sewing.** Lectures and laboratory work. This course includes drafting, designing and making underwear; also a tailored waist, fancy waist, cotton dress skirt, wolen dress, simple thin dress. Three terms. 5t, cr 1½ hrs. Miss Smith.

7. **Art Needlework.** This course is intended to teach the simple stitches used in embroidering and some form of artistic and fancy stitches used for the finishing and decoration of clothing and house furnishing. It also includes designing with reference to use, material and color; various ways of padding and outlining and their application; French embroidery, including all kinds of embroidery stitches on linen; Italian relief; Punch work, Venetian Ladder work, darning, cross stitch, tatting and crocheting. Fall term. 6t, cr 1½ hrs. Miss Smith.

8. **Dressmaking.** Lectures and laboratory. The course includes drafting, cutting, fitting and making of various garments. The aim is to encourage originality based upon good judgment and to strengthen self-reliance. The work includes not only drafting, but also the use of commercial patterns. Shirt waists, fancy waists, dress skirts, gingham dresses, simple afternoon dresses are all planned with reference to their use, color, and adaptation of materials, proportion, and individual style. Three terms. Two terms required. Laboratory hours and one lecture each week. cr 1½ hrs. Miss Smith.

9. **Food Study and Dietetics.** Lectures and laboratory work. The course aims to present the fundamental principles of nutri-

tion and to apply these principles to the feeding of individuals and families of varying condition. It includes a study of the chemistry and physiology of digestion, the nutritive function of proteins, fats and carbohydrates, modern dietary standards and their applications to practical problems, typical dietaries for families of different incomes and for children, the sick, and the old. Winter and spring term. Two double periods. cr 3 hrs. Required. Miss Shilling.

11. **Domestic Science for Rural Schools.** Lectures, discussions and practical work. A course designed to give the rural teacher general knowledge of house sanitation, furnishings, and foods, and to suggest ways of presenting the work in rural schools. Fall term. 5t, cr 1 u. Miss Shilling.

12. **Teaching Domestic Science and Domestic Art.** A course consisting of conferences and actual teaching. The methods of teaching Home Economics in the elementary and high schools are considered and courses of study planned. A study is made of laboratory equipment and management. Teaching will be done during any one term of the senior year. Required. cr 1 hr.

13. **Millinery.** A course in home millinery, including the making and trimming of simple hats. Topics: Covering of frames, making of different kinds of bows, preparation and application of trimming, and making of silk flowers. Students provide their own material subject to the approval of the instructor. Prerequisite, Sewing 5. Fall term; repeated in spring term. 5t, cr 1½ hrs. Miss Smith.

DEPARTMENT OF MANUAL TRAINING.

Director Lamb.

EQUIPMENT.

The Normal School has a special building for Manual Training, which has been described under the head of Buildings. The equipment for Manual Training work consists of a carpenter shop, equipped with twenty-two work benches and tools for each bench, all necessary, extra tools and cases for tools, demonstration platform, bench and lathe, and a power grindstone; a wood-turning and pattern-making shop, equipped with twelve lathes and benches with tools for each, one large pattern lathe, a combination saw,

a band saw, a planer, a foot-power mortising machine and a power grindstone; a forge room, equipped with ten down-draft forges with individual sets of tools, a sensitive drill, an emery grinder, and a power hammer; a small equipment for machine shop work; benches for art and hand metal with individual sets of tools for each bench; a room for mechanical drawing with twenty drawing tables and other necessary equipment.

The course of instruction in this department may be taken by students of either classification. If they are taken by elementary students, one unit's credit must represent at least two hours of actual work for one term. If by a student of college rank one hour's credit must represent three hours' work. In the elementary course one-half unit's credit is given. On the advanced course one and one-half hours is given. Those who are not specializing in Manual Training may select thirteen hours on the regular professional course. For those who wish to specialize in this department an advanced course is offered. A fee of 75 cents for each hour per term will be required of all students in Manual Training.

ADVANCED PROGRAM.

The requirements for admission to this advanced course are the same as for admission to the regular Advanced Professional Department and the regulations, prescribed there for all students, must be observed. One hundred thirty-five hours of college work are required to complete the course, as follows: Education, 44; English, 9; History, 9; Science, 12; Mathematics, 12; Freehand Drawing, 3; Design, 1½; Manual Training, 31½; Physical Education, 4½; Elective, 5½. Those who complete the work indicated will be graduated with a special advanced professional diploma and will be recommended as special teachers of Manual Training.

ADVANCED PROFESSIONAL PROGRAM.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
English 1a	3	English 1b	3	Eng. or Pb. Sp.....	3
Education 1a	3	Education 1b	3	Education 4	3
History	3	History	3	History	3
Handwork 1a	1½	Handwork 1b,	1½	Handwork 1c	1½
Handwork 2	1½	Freehand Draw... 1½		Elem. B'nch W. 2 1½	
Freehand Draw... 1½		Phys. Practice	1½	Design	1½
Phys. Practice	1½			Phys. Practice	1½
	<hr/>		<hr/>		<hr/>
	15		15		15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours		Hours.
Educat'n 2a or 9a	3	Educat'n 2a or 9b	3	Education 3a	3
Educat'n 6a or 9a	3	Educat'n 6b or 9b	3	Education 8	3
Science	4	Science	4	Science	4
Arch. Draw. 11	1½	Arch. Draw. 11	1½	Machine Design	1½
Bench Work 4	1½	Cabinet Making 4	1½	Cabinet Making 4	1½
Wood Turning 5	1½	Wood Turning 5	1½	Pattern Making 5	1½
	<hr/> 14½		<hr/> 14½	Elective	1½
					<hr/> 16

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Educat'n 3b or 9a	3	Educat'n 3c or 9b	3	Edu. Elective	3
Pattern Making 5	1½	Education 5a	4	Education 5b	4
College Alg. 1	4	Pattern Making 5	1½	Carpentry	1½
Forge Work 6	1½	College Alg. 1	4	Trigonometry 2	4
Elective	5½	Forge Work 6	1½	Forge Work 6	1½
	<hr/> 15½		<hr/> 14	Elective	1½
					<hr/> 15½

COURSES OF INSTRUCTION.

A. Art and Hand Metal Work. The course includes work with sheets of copper and brass, which are worked into boxes, trays, pitchers, picture frames, and other forms; brass and iron are worked into hinges, hat hooks, drawer pulls, and escutcheons; soft steel into riveting hammers, plumb bobs, squares, and calipers. This work includes roughing and planishing the surface, brazing joints, and handturning, finishing, and polishing in the way most suitable for the material used. 5t, or ½ u.

1. Primary Handwork. This course has been planned to meet the needs of the primary teachers. It includes paper folding, designing, making and decorating bookmarks, boxes, trays, picture frames, book covers, etc., in cardboard; illustrating stories of vegetable and animal life, representing home life, barnyard and farm scenes with clay on the sand table; making rugs from textiles, mats, napkin-rings from the braided raphia, and weaving baskets of reeds. Three terms. 5t, or 1½ hrs.

2. Hand and Bench Work for Elementary Schools. This course includes work in clay, making and decorating vase forms, making plant labels, pencil sharpeners, toothpick holders, windmills, water wheels, toys and animal forms out of thin wood with the use of the knife and coping saw. The first few exercises in

bench work are intended to gain a knowledge of the important tools and how to use them. Two terms. 5t, cr 1½ hrs.

4. **Advanced Bench and Cabinet Construction.** The course includes exercises in simple furniture-making involved in the construction of types of tables, chairs, and cabinets. When sufficient skill in the elementary work has been developed, considerable liberty is allowed in the choice and character of the furniture constructions. The course includes methods of finishing and decorating. 5t, cr 1½ hrs.

5. **Wood Turning and Pattern Making.** Such exercises as will require of the student careful thought and skill in the use of the tools and operation of the lathe will be given. It will require work to be done between centers, on face plate, mandrel, and in chuck. The pattern making will be: Ribbed pattern, wrench, coupling, gland, face plate, sheave pulley, pipe fittings, and core boxes. The principles of draft, shrinkage, coring, gate cutting, venting, and finishing are demonstrated in foundry practice. Three terms. Five double periods a week. cr 3 hrs.

6. **Forge Work.** The fundamental principles are taught by a progressive series of demonstrated exercises in drawing, bending, twisting, fullering, upsetting, scarfing and welding, and tempering steel. Three terms. Five double periods a week. cr 3 hrs.

7. **Machine Shop Practice.** An elementary course in machine shop work, including shipping, filing, turning, screw cutting, drilling, grinding, and taper work. Three terms. Five double periods a week. cr 3 hrs.

8. **Materials and Processes of Wood-Working.** Lectures and reports. Structure and growth of wood, properties and distribution of common species, lumbering and saw milling, wood-working tools, the common joints, types and principles of joinery, wood finishing. One term. cr 1½ hrs.

10. **Mechanical Drawing and Design.** This course includes the work usually given in courses in mechanical drawing and design. It is planned to give the work in drawing and design which is a prerequisite to or must accompany all the courses in Manual Training. Beginning with the simplest exercises in drawing and design it leads to and includes a complete course in Architectural Drawing and Machine Design. This course includes the

problem of designing in connection with weaving, sewing, embroidery, pottery, and construction in paper, cardboard and wood; instruction in lettering, dimensioning, projections, development of surfaces, isometric and perspective drawing, machine and structural design, and the making of tracings and blue prints. It includes also practice in freehand sketching.

Each student will take the entire course, or such portions of it as are required in connection with courses taken in Manual Training. Five periods a week. cr 1½ hrs.

11. Architectural Drawing. The work of this course has been outlined for students in Domestic Science and Agriculture, and such other students as wish to take it. The following topics are some that will be considered: Sketching, house plans, floor plans, elevations, framing details, construction details, interior decoration, sanitation, heating and plumbing. 5t, cr 1½ hrs.

DEPARTMENT OF BUSINESS.

Director Sitze.

The work in this department is offered with a view of preparing teachers of commercial branches for high schools. This is an Advanced Professional course of nine terms and leads to the Life State Diploma. The requirements for admission are the same as to the regular Advanced Professional Department. The following is an outline of the work:

ADVANCED PROFESSIONAL PROGRAM IN BUSINESS.

FALL TERM.			WINTER TERM.			SPRING TERM.		
	Hours.			Hours			Hours.	
History	3		History	3		History	3	
Educat'n 2a or 9a ..	3		Educat'n 2b or 9b ..	3		Prin. Educat'n 5a ..	3	
Education 1a	3		Education 1b	3		Education 4	3	
English 1a	3		English 1b	3		Eng. or Pub. Sp... ..	3	
German or			German or			German or		
*Spanish	3		*Spanish	3		*Spanish	3	
<hr/>			<hr/>			<hr/>		
		15			15			15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.				Hours.
Com. Arith. 6.....	3	Com. Geog. B.....	3	Bookkeeping.....	3
Science	4	Bookkeeping.....	3	Science	4
Bookkeeping 1....	2	Educat'n 6b or 9b	3	Education 8	3
Educat'n 6a or 9a	3	Phys. Practice	1½	Edu. Elective	3
Phys. Practice	1½	Science	4	Com. Geog. B.....	3
	<hr/>		<hr/>		<hr/>
	14½		14½		16

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours.		Hours.		Hours.
Shorthand 2	3	Shorthand 2	3	Shorthand 2	3
Typewriting 3	1	Typewriting 3	1	Typewriting 3	1
Polit. Econ.	3	Polit. Econ.	3	Polit. Econ.	3
Com. Law 4	3	Com. Law 4	3	Education 3c	3
Educat'n 3b or 9a	3	Education 5a	4	Education 5b	4
Phys. Training....	1½	Penmanship	1	Penmanship	1
Penmanship	1		<hr/>		<hr/>
	<hr/>		15		15
	15½				

* French, or Latin, may be substituted.

COLLEGE COURSE.

1. **Bookkeeping, Accounting, and Business Practice.** Modern illustrative bookkeeping is taught. The student is given a thorough drill throughout the course in all business forms and papers such as are found in the modern office. The familiarity with all these forms is emphasized by the actual handling and filling out of the forms as the student progresses. This subject begins with the introductory work and is completed with advanced or higher accounting, including banking. Special work in double entry drills, theory, statements, reports, balance sheets, and auditing accompanies the text. Three terms. 5t, or 3 hrs.

Texts: Neal and Cragin; Marshall; Klein.

2. **Shorthand.** The Gregg system of shorthand is taught. This work is open only to advanced pupils. The manual is supplemented by Graded Dictation and the Gregg Writer, and dictation from magazines. The student is required to do some teaching. A speed of 100 words per minute for twenty minutes and the same transcribed on the machine in a reasonable time is required as a final test. Three terms. 5t, or 3 hrs.

Texts: The Gregg Manual; Gregg Speed Practice; Eldridge's Dictation Exercises; The Gregg Writer.

3. **Typewriting.** This subject is taught by the touch method. Accuracy, speed, neatness, and ease are the chief elements entering into this work. A speed of forty words net per minute is required on completion of the subject. Three terms. 5t, cr 1 hr.

Text: The Rational Typewriter Instructor, supplemented by an abundance of business forms, letters, general matter, and the Gregg Writer.

4. **Commercial Law.** No attempt is made to fit the student for a legal career, but every person should know the principles of law which govern and control commerce, and should know the principles of right and justice which govern the every-day actions of men; this is the object of commercial law. Some of the most important subjects taught are: Contracts, sale of personal property, negotiable paper, interest, agency, partnership, bailment, common carriers of freight, common carriers of passengers, innkeepers, real estate, insurance, corporations, and business paper. Two terms. 3t, cr 3 hrs.

Text: Huffcut's Business Law.

5. **Penmanship.** An easy and legible business style is taught with the development of proper movement to retain it. Credit given to students specializing in the Business Department. Three terms. 5t, cr 1 hr. A course for other students is given. 5t, cr 1 u.

6. **Commercial Arithmetic.** This subject is offered for one term, and is a thorough review of those parts of arithmetic pertaining to the practical phase of business life. 5t, cr 3 hrs.

7. **Correspondence and Business Practice.** Particular attention is given to arrangement, composition, and punctuation. Much of the work consists of original letters and business forms. This subject is given along with Shorthand and Typewriting.

DEPARTMENT OF LIBRARY SCIENCE.

Librarian Kent.

Assistant Librarian Wheeler.

The purpose of library instruction is two-fold. It is designed first of all to familiarize the student with the use of the library and enable him to pursue his work intelligently and with the least loss of time. The second purpose of the course is to teach the elements of Library Science in such a way as to enable students to organize and conduct a school or other small library.

The State Normal School Library is thoroughly equipped for doing the work outlined. Advanced credit is given for these courses and only students of college rank will be admitted, except in special courses.

1. **General Library Methods.** Instruction in the use of the library, the classification and arrangement of books, uses of the card catalog and indexes. Problems assigned for the purpose of familiarizing the student with well-known reference books, encyclopedias, dictionaries, ready reference manuals, year-books and periodicals. Lectures and practice. Every term. 5t, cr 3 hrs.

2. **Library Organization.** Instruction follows regular library routine: Accessioning, classifying, cataloging, bookmending, loan systems, book selection, reference work, periodicals and public documents. Students in this course in addition to the lectures and problems shall do practical work in the library two hours a day. Each term. 5t, cr 4 hrs.

DEPARTMENT OF FINE ARTS.

Director Wilburn.

EQUIPMENT.

This department has a well equipped studio, a departmental library and a gallery of classic statuary.

AIM.

The department aims to give all prospective teachers the opportunity to acquire sufficient skill in drawing to enable them to use it in connection with their school work. Students desiring so to equip themselves should take the work for at least three terms. An opportunity is also offered students to prepare themselves to supervise drawing in the elementary schools and to teach the subject in the high schools.

ELEMENTARY COURSES.

A. **Public School Drawing.** The teaching of art in the public schools can be on a sound basis only when it rests on an understanding of principles. The appreciation of the beautiful is best accomplished through practice in the elementary modes of expression. It is with these facts in mind that the following course has

been planned. One hour each day outside of the classroom is required. **Fall Term:** Drawing for Grades I, II and III of the elementary schools. **Winter Term:** Drawing for Grades IV, V and VI. **Spring Term:** Drawing for Grades VII and VIII. Mediums used, pencil, colored crayon, water colors. 5t, cr 2 hrs.

COLLEGE COURSES.

Courses 1, 2 and 3 of the following, although credited on the Advanced Diploma, may be taken by elementary students who have the required prerequisites.

1. **Free Hand Perspective and Sketching.** A careful study of perspective in the drawing of still life groups, interiors and landscapes. This course is advised for those who expect to pursue the study of art beyond the required amount, and those interested in cartooning and other branches of commercial art. 5t, cr 2 hrs.

Text: Norton's Free Hand Perspective and Sketching.

2. **Painting in Water Colors.** Still-life, flowers and fruit. Prerequisite, Art 1. 5t, cr 1½ hrs.

3. **Applied Design.** A course offered for students specializing in the Fine Arts, Domestic Art and Manual Training. Open to all who have had Art A, or its equivalent. It includes a study of space filling and color harmony as applied in stenciling, wood block printing, leather work, and other crafts which are taught in the schools. 5t, cr 1½ hrs.

4. **Advanced Painting and Drawing.** Painting in water colors from still-life and landscape, drawing from cast and life. This course requires two hours each day. Prerequisite, Art 1. 5t, cr 3 hrs.

5. **Theory and Practice of Teaching Art.** This course consists of lectures, required readings and practice teaching. A course of study for the graded schools is worked out, and problems confronting the supervisor and teacher of drawing are considered. Spring term. 5t, cr 1 hr.

6. **History of Art.** A study of the art of the ages through lectures, discussions and required reading. Winter term. 3t, cr 3 hrs.

Text: Rheinach's Apollo.

8. **Clay Modeling.** Modeling in clay from nature, cast and life. Summer term. 5t, cr 1½ hrs.

ADVANCED PROFESSIONAL PROGRAM FOR HIGH SCHOOL TEACHERS OF DRAWING.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Fine Arts 1	1½	Fine Arts 1	1½	Fine Arts 1	1½
Applied Design 3	1½	Applied Design 3	1½	Applied Design 3	1½
Music 1	1½	Music 2	1½	Music 3	1½
English 1a	3	English 1b	3	Eng. or Pb. Sp... 3	
Education 1a	3	Education 1b	3	Education 3a	3
Educat'n 2a or 9a 3		Educat'n 2b or 9b 3		Education 4	3
Elective	1½	Elective	1½	Elective	1½
<hr/>		<hr/>		<hr/>	
15		15		15	

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Painting 2a	1½	Painting 2b	1½	Painting 2c	1½
Voice and Piano 2		Voice and Piano 2		Voice and Piano 2	
History	3	History of Art 6 3		History	3
Physics 1	4	Physics 1	4	Physics 1	4
Educat'n 6a or 9a 3		Educat'n 6b or 9b 3		Education 8	3
Phys. Practice	1½	Phys. Practice	1½	Phys. Practice	1½
<hr/>		<hr/>		<hr/>	
15		15		15	

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Adv. Painting 4a 3		Adv. Painting 4b 3		Adv. Painting 4c 3	
Clay Modeling 8 1½		Mech. Draw. 10.. 1½		Arch. Draw. 11.... 1½	
Chorus 4a	1½	Chorus 4b	1½	Chorus 4c	1½
Elective	5	Elective	2	Education 3c	3
Educat'n 3b or 9a 3		Education 5a	4	Education 5b	4
Teach'g of Art 5 1		Edu. Elective	3	Elective	2
<hr/>		<hr/>		<hr/>	
15		15		15	

PHYSICAL EDUCATION.

Professor Cobb.
Director Hallingby.

EQUIPMENT.

Two gymnasiums, forty by eighty feet, are provided. New shower baths and individual lockers have recently been added to the dressing rooms. In the Training School building there is a swimming pool open to all students at certain hours. An athletic

field in the immediate vicinity of the campus has been secured for the use of the athletic teams. Tennis court are also provided, as well as a hockey field for the young women.

AIM AND PLAN.

The aim of this department is to improve the personal efficiency of the young men and young women by establishing a good physical foundation for mental activities and to furnish them with practical ideas as to the intelligent teaching of school room gymnastics and the supervision of play out-of-doors. One term unit is required for the Elementary and the same amount for the Rural Certificate. Four and one-half hours of credit must be made by each student graduating from the three-year courses. This will involve five hours per week for one year for the young men; and for the young women three hours per week are required for the first year, two hours per week for the second year. Opportunity is given for advanced or optional work after that.

Before beginning work each student is given a physical examination and the work assigned is based upon the information obtained. Remedial gymnastics will be given to those in need of such work. A second examination will be given before graduation if the student desires to see what progress has been made. For the young women a suit consisting of black serge bloomers and blouse, and regulation gymnasium shoes, has been adopted and is required of each taking physical training. All are advised to wait until arrival at school before procuring such a costume.

The Directors may excuse from Physical Education any students who are physically incapacitated for the work. Others who wish to be relieved for good and sufficient reasons may make application to the Committee on Athletics.

To meet the growing demand for teachers who can supervise physical education in schools and direct playground work, major courses have been outlined as follows:

ADVANCED PROFESSIONAL PROGRAM FOR DIRECTORS OF PHYSICAL EDUCATION FOR WOMEN.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
English 1a	3	English 1b	3	Eng. or Pub. Sp... 3	
Education 1a	3	Education 1b	3	Education 4	3
Education 2a	3	Education 2b	3	Education 3a	3
Mathematics	4	Mathematics	4	Math. or Elec.....	4
Phys. Practice	2	Phys. Practice	2	Phys. Practice	2
	<hr/>		<hr/>		<hr/>
	15		15		15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
History	3	History	3	History	3
Biology 1 or 2.....	4	Biology 1 or 2.....	4	Biology 1 or 2.....	4
Education 6a	3	Education 6b	3	Education 8	3
Education 9a	3	Education 9b	3	Bacteriology	4
Phys. Practice		Phys. Practice		Phys. Practice	
	<hr/> 15		<hr/> 15		<hr/> 15

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Philosophy 1a	3	Philosophy 1b	3	Philosophy 1c	3
Adv. Philosophy..	4	Education 5a	4	Education 5b	4
Phys. Educ. 8a		Phys. Educ. 9a		Phys. Educ. 7a	
and 8b	3	and 9b	4	and 7b	3
Phys. Educ. 6a		Education 3b	3	Education 3c	3
and 6b	4	Phys. Educ. 10a..	2	Phys. Educ. 10b..	2
Phys. Practice		Phys. Practice		Phys. Practice	
	<hr/> 15		<hr/> 16		<hr/> 15

ADVANCED PROFESSIONAL PROGRAM FOR DIRECTORS OF PHYSICAL EDUCATION FOR MEN.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
English 1a	3	English 1a	3	Eng. or Pub. Sp.	3
Education 1a	3	Lang. or Elec.....	3	Lang. or Elec.....	3
Education 2a	3	Education 1b	3	Education 4	3
Phys. Educ. 6a or		Education 2b	3	Education 3a	3
6b	4	Phys. Educ. 5a	1½	Phys. Educ. 5b....	1½
Phys. Practice		Phys. Practice		Phys. Practice	
	<hr/> 15		<hr/> 15		<hr/> 15

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
History	3	History	3	History	3
Science	3	Science	3	Science	3
Education 6a	3	Education 6b	3	Bacteriology	3
Education 9a	3	Education 9b	3	Education 8	3
Mathematics	3	Mathematics	3	Phys. Educ. 5c	3
	<hr/> 15		<hr/> 15		<hr/> 15

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Philosophy 1a	3	Philosophy 1b	3	Philosophy 1c	3
Adv. Physiology	4	Education 5a	4	Education 5b	4
Elective	3	Elective	3	Phys. Educ. 11	2
Elective	3	Education 3b	3	Education 3c	3
Phys. Educ. 12a..	2	Phys. Educ. 12b..	2	Phys. Educ. 12c..	2
<hr/>		<hr/>		<hr/>	
15		15		14	

Nine hours of work in Physical Practice must be taken during the three years, distributed according to the advice of Dr. Cobb or Miss Hallingby.

COURSES OF INSTRUCTION.**PRACTICE: FOR MEN.**

1a. Tactics: Elementary free exercises, Indian clubs, dumb-bells, wands, elementary heavy apparatus. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

1b. Tactics: Elementary heavy apparatus, side horse, bench, long horse, ladder, parallels, horizontal bar, ropes, springboards, mats. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

1c. Tactics: Elementary tumbling, rolls, balances, stands, springs, some light and heavy apparatus work. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

2a. Advanced tactics and fancy marching, advanced free exercises and light apparatus, elementary heavy apparatus. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

2b. Advanced tactics and fancy marching, advanced heavy apparatus. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

2c. Advanced tactics, advanced tumbling, springs, turns, flips, double and triple work. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

3. Wrestling, boxing, swimming. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

4. Basketball, track, baseball, football, and tennis. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

5. Volley ball, indoor baseball. 5t, cr $\frac{1}{2}$ u el, $1\frac{1}{2}$ hrs adv.

PRACTICE: FOR WOMEN.

1aw. Tactics, Swedish gymnastics, rhythmical exercises with music, folk-dances, plays and games. Fall, spring and summer terms. 3t, cr $\frac{1}{3}$ u el, 1 hr adv.

1bw. A combination of the first term's work with the addition of such light apparatus as wands, dumb-bells and Indian clubs, and games of elementary organization like volley ball and captain ball. Winter term. 3t, cr $\frac{1}{2}$ u el, 1 hr adv.

1cw. A continuation of the second term's work with the addition of such heavy apparatus as poles, ropes, rings, balance beams, horse, parallel bars, ladder and spring board, and games of higher organization, like basketball and indoor baseball. Spring term. 3t, cr $\frac{1}{2}$ u el, 1 hr adv.

2aw. Tennis, hockey, swimming. 2t, cr 1-6 u el, $\frac{1}{2}$ hr adv.

2aw. Tennis, hockey, swimming. Fall and summer terms. 2t, cr 1-6 u el, $\frac{1}{2}$ hr adv.

2bw. Advanced floor work with apparatus. Winter and spring terms. 2t, cr 1-6 u el, $\frac{1}{2}$ hr adv.

2cw. Aesthetic work, including Gilbert and Chalif dancing. Winter and spring terms. 2t, cr 1-6 u el, $\frac{1}{2}$ hr adv.

THEORY: FOR MEN AND WOMEN.

A. **Elementary Physiology.** Lectures and recitations with some work in teaching the subject. Considerable emphasis is placed on blackboard diagrams to explain the mechanics of Physiology in the absence of manikins, etc., in the elementary schools. A valuable as well as a practical course in every-day Physiology as well as in Hygiene. Repeated every term. 5t, cr 1 u. Mr. Cobb.

Text: Walter's Physiology and Hygiene.

5a. **Theory of Gymnastics and Athletics.** (For Men.) Physiological and psychological principles underlying the present system of physical training. Adaptability to the needs of the public schools. Principles and methods of teaching Physical Training; exercises adapted to age and individual; length and division of time daily for various grades; class and floor formations, progression and day's order. Effect of exercise upon the system: Hygienic, educational, corrective, recreative exercises; effect upon growth, weight, strength, vital power, lung capacity, heart action, nerves, muscles, bones, fatty tissues, respiration, circulation, digestion, assimilation, elimination. Winter term. 3t, cr 1 $\frac{1}{2}$ hrs. Mr. Cobb.

5b. **The Playground.** (For Men.) This course is planned to assist the teacher in a sane supervision of the recess activities.

Arrangement of play courts, apparatus, etc. Equipment, home made apparatus, sanitation, shade, water supply, drainage, out-houses. Supervision, teacher's part in children's play, introduction of plays and games, fostering true sportsmanship among children. A study of open air games, plays, drills and marches, track and field athletics. Spring term; repeated in summer. 3t, 1½ hrs. Mr. Cobb.

5c. School and Personal Hygiene. (For Men and Women.)

The room, heating, ventilating, lighting, seating, the drinking water, cleanliness of blackboards, floors, desks, cloakrooms, disinfection. The pupils; postural tendencies, significance, causes, result, prevention, eyesight and hearing, extent and nature of difficulties, tests, precautions; effect of handwriting on sight; mental work and fatigue, distribution of studies. Diseases affecting the school, teacher's duty. Medical inspection. Physical exercise, needs, kinds and amount for different grades. Physiology of digestive apparatus, teeth, gastric intestinal tract; skin, breathing, clothing, hair, nose, larynx, chest, and lungs; ear, external, middle, internal; eye, diseases, strains, tests, spectacles, care; brain and nervous system, neurasthenia, overwork, recreation. Physical exercise, physiology, effects, training, home gymnastics. Domestic hygiene, ventilation, heating, water supply, plumbing, transmission of disease. Pulse, temperature, respiration. Spring term; repeated in summer term. 3t, cr 3 hrs. Mr. Cobb.

6a. First Aid to the Injured. (For Men and Women.)

Causes and simple treatment of bruises, burns, bites, scalds, wounds, sprains, dislocations, fractures, unconsciousness, fits, faints, shocks, hemorrhages, asphyxia, drowning, etc., poisons, antidotes, stimulants, narcotics, anaesthetics, bandages, dressings, antiseptics, and disinfectants. Every term. 2t, cr 2 hrs. Mr. Cobb.

6b. Preventive Medicine. The primary object of this course is to instruct prospective teachers how to manage the common, contagious diseases which occur in the schools. Symptoms to watch for and to regard as suspicious; fumigation of the classroom; when to close the school in the event of contagious disease, and the factors which shall determine when a child recovered from a contagious disease may return to his classes without endangering the health of the student body, are carefully considered. The importance of medical inspection in the school,

sanitation and ventilation, as well as a general prophylaxis of disease considered from the economical standpoint receive an important place in the lectures. Every term; repeated in the summer. 3t, cr 2 hrs. Mr. Cobb.

6c. Advanced Physiology. (For Men and Women.) Consists of three recitations and two double laboratory periods per week. Methods of stimulation; blood proof of circulation; mechanics of respiration; secretion of saliva; lactiles and thoracic duct; osmosis; muscle and nerve; reflex action; cutaneous and muscular sensation; equilibrium; special senses; microscopic studies. Fall term. 5t, cr 4 hrs. Mr. Cobb.

Text: Howell's Physiology.

7a. Theory of Play and Games. (For Women.) The psychology of play; necessity for supervision of play; relation of games to other activities of child; studies of children's games from all parts of the world, and of the simplest dances and games of primitive people and European peasants; the development of the game-form to the more highly organized forms of activity; use and abuse of basketball for high school girls; the social and educational value of outdoor sports; organization, administration and equipment of supervised playground. Spring term; repeated in summer. 3t, cr 1½ hrs. Miss Hallingby.

7b. Theory of Teaching Physical Education. (For Women.) The scope of physical education; relation of physical education to education in general; the physical organization and comparative development of the child; hygienic requisites in school buildings; materials and methods involved in health examination; instruction and hygiene suitable for different grades; types of gymnastics; methods of teaching; the Swedish day's order, length and division of time daily for various grades; the application of physiology to physical exercise. Spring term; repeated in summer. 2t, cr 1½ hrs. Miss Hallingby.

8a. Anthropometry and Physical Diagnosis. (For Women.) A lecture and laboratory course giving practical experience in making examinations, analyzing and interpreting properly the physical condition of those examined. Origin, history, and relation of anthropometry to other sciences; how and what to measure; the value of measurements; law of growth; methods and value of tabulating anthropometric data; co-efficients. Special attention is given to the study of physical characteristics and their influence on the individual. Consideration and discussion

of the influences and factors determining the classifications of the individual as indicated by racial and temperamental types, heredity, environment, social, hygienic, and climatic conditions, occupations, etc. Physical diagnosis of the eye, ear, nose, and throat; heart lesions; the various defects, abnormalities and anomalies of the human organism together with a study of the examination of the vital functions. Fall term, alternating years. 2t, cr 2 hrs. Miss Hallingby.

8b. History of Physical Education. (For Men and Women.) Ancient Period: Jewish, Egyptian, the ancient funeral games of the Greeks, their extent and significance, the development of the Olympian games, the use of professionalism, the public and gladiatorial games at Rome, the amphitheaters, baths, etc. Mediaeval Period: Asceticism, feudalism, the Crusades, chivalry, and their respective influences upon the development of the physical man. Modern Period: The Renaissance, the influence of the writings of the reformers of the period, the German Turners and Jahn, Ling and Swedish gymnastics, characteristics of physical education in England, the evolution of gymnastics and athletics in the American movement. Fall term, alternating years. 3t, cr 1 hr. Miss Hallingby.

9a. Systems of Physical Education. (For Men and Women.) The Swedish system: Its principles of selection, classification, and progression of exercises, the gymnastic families, nomenclature; the German system; the American movement; fads in physical education; correspondence courses, etc. Winter term, alternating years. 2t, cr 2 hrs. Miss Hallingby.

9b. Medical Gymnastics and Massage. (For Women.) The technique of passive or massage procedures, their general and local therapeutic effect; spinal curvatures; occupational deformities and their correction; the treatment of digestive and nervous disorders by massage. Winter term, alternating years. 3t, cr 2 hrs. Miss Hallingby.

Text: Kellog's Massage.

10. Practice in Teaching Physical Training. (For Women.) Open only to young women who have completed Courses 7a and 7b. Special lectures, practice in taking anthropometric measurements, and in leading classes under the director's supervision. Fall, winter and spring terms. 5t, cr 2 hrs. Miss Hallingby.

11. Thesis. (For Men.) An intensive study of selected as-

pects of Physical Education. The course consist of lectures and research work combined with the preparation and presentation of a thesis before the student body. Each thesis shall be typewritten and a copy placed on file in the library. Spring term. 1t, cr 2 hrs. Mr. Cobb.

12. **Theory and Practice in Physical Education.** (For Men.) Open only to advanced students. Special lectures, including instruction in physical diagnosis, anthropometry, massage, physiology of exercise and history of physical education as well as daily practice in leading classes under the director's supervision. Fall, winter and spring. 5t, cr 2 hrs. Mr. Cobb.

SCHOOL OF MUSIC.

DEPARTMENT OF PIANO.

....., Director and Professor of Piano, Violin and Harmony.

Miss Flint, Professor of Public School Music.

....., Professor of Piano, Harmony and History of Music.

....., Professor of Voice.

....., Instructor in Piano and in Voice.

PLAN.

The course for graduation is divided into four years; but the term "year" means a certain degree of proficiency which must be attained by the student before entering the class for the following year.

A list of studies and pieces from which the selections for each year are made, which will be adhered to as closely as the individual needs of each student permits, is as follows:

ELEMENTARY COURSES.

A. Kohler: Practical Method, Little Pieces; Gurlitt: Op. 101; Loeschorn, Op. 65. Sonatinas and easy pieces by Behr, Lichner, Reinicke.

B. The same as A, continued.

C. Loeschorn: Op. 65, Vol. II and III; Burgmueller, Bertini, Sonatinas and easy pieces by Diabelli, Schmidt, Lichner, Krause, von Wilm.

D. Bertini, Lemoin, Czerney, Gurlitt, Op. 83, Bach; Kleine Praeludien. Sonatinas by Clementi, Kuhlan, Mozart, Haydn, Schumann. Op. 68.

ADVANCED COURSES.

1. **First Year Piano.** Reimann, Germer, Gurlitt, Czerney. Germer studies selected from Op. 261, 821, 599, 139, 829, 630, Kohler Op. 50, 526. Sonatinas, Rondos, Variations, etc., Clementi, Kuhlau, Haydn, Mozart, Beethoven, Reinicke.

2. **Second Year.** Czerney, Germer. Studies from Op. 299, 834, 135, etc. Heller Studies in Rhythm and Expression. Bach Little Preludes, Fugues, two-part inventions. Sonatas, Haydn, Mozart; Mendelssohn's "Songs Without Words." Best compositions from classic and modern composers.

3. **Third Year Piano.** Cramer Bulow Studies. Clementi, Lebert, Gradus, Parnassum. Bach two and three-part. Beethoven Sonatas. Selections from Mendelssohn, Chopin, Schumann, Schubert, Weber, Hiller, Heller, Gade, Jensen, Bendel, Tschai-kowsky.

4. **Fourth Year Piano.** Clementi, Lebert, Gradus, Parnassum. Moscheles Op. 70. Kullak School of Octaves. Bach Well Tempered Clavichord. Beethoven's Sonatas. Mozart, Beethoven, Mendelssohn's Concertos. Selections from Chopin, Henselt, Schumann, Grieg, Raff, Nicode, Moskowsky, Philip Scharwenka, Xaver Scharwenka.

5. **Post-Graduate Piano.** Tausig Daily Studies. Kullak School of Octaves, Chopin Studies: Op. 10 and 25. Rubenstein Selected Studies, Bach Well Tempered Clavichord, Organ Transcriptions. Concertos, Mozart, Mendelssohn, etc. Concert pieces. Beethoven, Schumann, Rubenstein, Hiller, Reinecke, Tausig, Liszt, Brahms. Advanced Harmony. Counterpoint. Musical form.

DIPLOMAS IN PIANO.

On completion of the courses outlined above for the four years of college work, the student will be given a diploma.

DEPARTMENT OF VIOLIN.

1. **First Year.** Violin School by Mettner. Pieces by Weiss, Greenwald, Sitt, De Beriot, Wolfermann, Weidig, Althaus, Dancla, etc. Duos by Pleyel, Herrmann, Mazas, etc.

2. **Second Year.** Etudes by Kayser, David, Mazas. Pieces by Weidig, Dancla, David, Hauser, Schumann, Bohn, Alord, etc.

3. **Third Year.** Etudes by Mazas, Kruetzer. Pieces by Sitt, Ries, Spohr, Handel, Raff, Artot, Wieniawski, etc.

4. **Fourth Year.** Etudes by Rode and Fiorillo. Sonatas by Beethoven. Concertos and Concert Pieces by De Beriot, David, Spohr, Raff, Ernst, Vieuxtemps, Wieniawski, etc.

DEPARTMENT OF HARMONY.

1. **First Year.** Primary work in intervals, scale and chord construction. Original work in melody writing. Two and four-part harmony writing, with study of triads, chords of the 7th and 9th, as far as modulation.

2. **Second Year.** Key relation and modulation, chromatically altered chords, suspensions, organ point, etc.

3. **Third Year.** (Post Graduate course). Counterpoint.

DIPLOMAS.

Candidates for graduation in Violin must complete the full four-year course as laid down, two years in Harmony, one year in Musical History. Upon completion of this course students are entitled to a diploma in Violin.

Public recitals by the pupils of this department are given every two weeks. Recitals by the advanced pupils are given frequently.

TUITION IN SCHOOL OF MUSIC.

Piano—One term, head of department.....	\$18.00
Piano—One term, assistant	12.00
Violin—One term, head of department	18.00
Violin—One term, assistant	12.00
Guitar, Mandolin	12.00
Practice on Piano, one hour per day	2.00
Two lessons a week for twelve weeks constitutes a term.	

No reduction is made for lessons lost, except in cases of protracted illness.

DEPARTMENT OF PUBLIC SCHOOL MUSIC.

Miss Flint.

The work of this department is designed to give teachers the training needed for the work of the public schools. Those who so

desire may specialize and prepare themselves for positions as directors of music in the public schools.

ADVANCED PROFESSIONAL PROGRAM FOR SUPERVISORS OF MUSIC.

FIRST YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Music 1	1½	Music 2	1½	Music 3	1½
Harmony 5	3	Harmony 5	3	Harmony 5	3
Voice	1	Voice	1	Voice	1
Piano	1½	Piano	1½	Piano	1½
English 1a	3	English 1b	3	Eng. or Pb. Sp... 3	
Education 1a	3	Education 1b	3	Education 3a	3
Phys. Practice	1½	Phys. Practice	1½	Phys. Practice	1½
	<hr/> 14½		<hr/> 14½		<hr/> 14½

SECOND YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Voice and Piano 2½		Voice and Piano 2½		Voice and Piano 2½	
Chorus 4a	1½	Chorus 4b	1½	Chorus 4c	1½
Art or Elective....	1½	Art or Elective....	1½	Art or Elective....	1½
Physics 5a	4	Physics 5b	4	Physics 5c	4
Educat'n 2a or 9a 3		Educat'n 2b or 9b 3		Education 4	3
Educat'n 6a or 9a 3		Educat'n 6b or 9b 3		Education 8	3
	<hr/> 15½		<hr/> 15½		<hr/> 15½

THIRD YEAR.

Fall Term.		Winter Term.		Spring Term.	
	Hours		Hours		Hours
Hist. Music 6	2	Hist. Music 6	2	Hist. Music 6	2
Music 7	1	Music 7	1	Music 7	1
Voice and Piano 3½		Voice and Piano 2		Vocal Expression 3	
Chorus 4	1½	German	3	German	3
German	3	Education 3c	3	Edu. Elective	3
Education 3b	3	Education 5a	4	Education 5b	4
	<hr/> 14		<hr/> 15		<hr/> 16

1. **Primary Methods.** Rote singing, phrasing, rhythm thoroughly developed, ear training, monotones, song inspired interval drill, song analysis, observation of notation, deductions, sight singing, dictation, memory work. One term. 5t, or 1½ hrs. Miss Flint.

2. **Intermediate Methods.** Review of songs already analyzed, continued sight singing, ear and eye training, dictation, problems introduced through songs, theory, two and three part

singing, round and canon, formal construction of scales, symbolic study. One term. 5t, cr 1½ hrs. Miss Flint.

3. **Advanced Methods.** Continuation of problems introduced in the intermediate grades, advanced sight singing, chromatic scales, major and minor keys, triads, chord construction, bass cleff, three and four part singing. One term. 5t, cr 1½ hrs. Miss Flint.

4. **Chorus Work.** Advanced sight singing, four part singing, chorus conducting, use of baton, practice conducting, artistic interpretation, concert work and public performances. Four terms. 5t, 1½ hrs. Miss Flint.

5. **Harmony.** Intervals, major and minor scales, triads, inversion, harmonization of melody, dissonance, subordinate chords, cadences, modulation. Three terms. 3t, cr 3 hrs.

6. **History of Music.** Music of primitive peoples, music of the Greeks, development of the scale, ecclesiastical system, the rise and growth of polyphony, the oratorio and the opera, classical school, development of instruments, the modern orchestra; modern forms, vocal and instrumental; musical education in America. Three terms. 2t, cr 2 hrs.

7. **Music Appreciation.** The principles and history of music; the orchestra, the opera and oratorio. A course of lectures illustrated by the Victrola. 1t, cr 1 hr.

TRAINING SCHOOL.

Professor Martin, Director and Professor of Experimental Education.
....., Professor of Experimental Child Study.
Miss Shea, Supervisor of High School Grades.
Miss Wilson, Supervisor of Upper Grades.
Miss Howarth, Supervisor of Intermediate Grades.
*Miss Newman, Supervisor of Primary Grades.
Mrs. Ealy, Supervisor of Primary Grades.
Miss Rector, Supervisor of Primary Grades.
Miss Smith, Supervisor of Primary Grades.

AIM AND PLAN.

The aim of this department is three-fold: 1. To conduct an elementary and a high school according to the principles known to be sound through the experience and research of leading educators; 2. to enable students to observe scientific methods of teaching; and 3. to enable students to put into practice the principles of teaching which they have derived. To accomplish this three-fold aim the greatest care is given to the individual interest of both pupils and students. The principle is maintained that whatever promotes the well-being of the child best serves the student in his search for truth. The student teacher has full charge of the class assigned to him. He is required to make an outline or plan of his work by the day, or by the week, or by some unit of material in order that he may learn to organize his subject matter and present it to the best advantage. The plan is shortened as the power of the student to do independent work increases. The teaching is supplemented by systematic observation, by frequent individual conferences with the supervisor, and by general conferences in which matters pertaining to the department or some general problem of method or administration is discussed. The course of study is made as continuous as possible through kindergarten, primary, intermediate, grammar and high school grades. The general organization of the Training School resembles that of the public elementary and high schools. The following outline indicates the purpose and scope of the work in the various grades.

* On leave of absence.

PRIMARY GRADES.**KINDERGARTEN.**

In order to make vital the organic continuity existing between the Kindergarten and the grades the following course is worked out during the year. While the spirit of play controls the entire method, yet the kindergarten children are led through play to the spirit of work, and they get some content of knowledge. It is a purposeful education.

Language. Memorizing selected songs, rhymes and jingles; reproduction of simple stories; conversations relating to home and community experiences, cleanliness, and health.

Number and Form. Incidental counting of children, blocks, and other objects; measuring of sticks from one to five inches; naming combinations of numbers by building with the gifts; naming and combining halves and quarters in building and paper folding. All work in number and form is merely incidental, not formal.

Nature Interests. Not a formal study, but the getting in touch with nature through excursions and walks; observation of plants and animal life and the forces and elements that go to make up this life.

Handwork. Drawing; painting; modeling in sand and clay; paper folding, cutting and pasting; designing and constructing simple objects connected with child life.

Physical Training. Marching, running, skipping, and other rhythmic movements accompanied by instrumental music; ball games, rolling, bouncing, tossing, and catching; games in a ring; trade games; nature games; social games; impromptu games suggested by stories and talks.

Texts: Marie Hofer's *Children's Old and New Singing Games*; Caroline Crawford's *Dramatic Games*; Burchinal's *Folk Dances*; Bancroft's *Plays and Games*.

Music. Marching to music; listening to instrumental and vocal music; memorizing simple songs.

Moral Training. Punctuality and cleanliness enforced; care of room. Appropriate stories, pictures, conversations, and songs. Acts of politeness and kindness encouraged and frequently suggested. Instrumental music used to arouse and to quiet. Care

of plants and animals. Observation of holidays and birthdays. Sympathetic and pleasant tones of voice.

FIRST GRADE.

No break is made between the kindergarten and the other primary work. The songs continue with increasing educational value. The games, which progress from the representative games of the kindergarten through folk-games, give a social atmosphere to the work in physical culture and sense training. Handwork develops into systematic manual training, centering around the food, clothing, and shelter problems of both primitive and modern life. Sense training becomes more specifically the recognized work in the exact sciences. The aim of English in these grades is to establish good taste in reading and to develop the power to read, speak, and write the language with clearness and freedom. In the primary grades, much of this work is accomplished through the telling of stories by the teacher, and the expression of these stories by the children in dramatization, oral reproduction, drawing, paper cutting, and clay modeling.

Language. Oral work during the year: Reproduction by telling stories; dramatization of stories; picture study connected with the seasons; study of poems. Formal work; recognition of simple sentences in reading and writing; use of capitals at the beginning of sentences and of proper names; use of period and question mark; correction of simple errors of speech.

Literature. Stories: Three Pigs, Pig Brother, Billy Goat Gruff, Ginger Bread Boy, Three Bears, How the Woodpecker Got Its Red Head, The Discontented Pine Tree, The Wind and the Sun, Little Half Chick. Many stories and poems used in connection with Nature Lessons, History, and Festivals of the Year.

References: Bryant's How to Tell Stories; Cook's Nature Myths; Hazard's Three Years with the Poets; McMurry's Songs of Tree-top and Meadow.

Reading Types: Development upon blackboard from History work; appreciative reading according to Summer's Manual, mechanics of reading, phonics, and application of phonics to the book.

Texts: Summer's Primer and First Reader; Baker and Carpenter's Primer and First Reader; Free and Treadwell's Reading and Literature Primer; Marshall's Nixie Well; Marshall's Cat School; Chadwick's Bow-wow and Mew-mew.

Phonetics. Training of the ear; recognition of the sounds of

initial consonants and of the common basic syllabys from which words are formed; application of these to sight reading in the New Educational First Reader.

Spelling. First half of year: The copying of words as seen, and the visualizing of phonetic words. Last half of year: Basic words; words selected from the reader; dictation of simple sentences.

History. Study of food, clothing and shelter problems as related to modern life through the building of houses and stores.

References: Normal Bulletin, Syllabus of History for First Grade.

Mathematics. Counting by 1's, by 10's to 100, by 2's to 20, by 3's to 30; writing of numbers to 100; combinations developed and memorized; concrete work in measurements by pint, quart, inch, foot, yard, cent, nickel, dime. Practical problems connected with house building and stores, and with garden work in the spring.

References. Suzzallo's Teaching of Arithmetic; Harris' Journey to Numberland.

Nature Study. Fall: Preparation for winter by plant life, animal life, and man, leading up to the Thanksgiving festival. Winter: Study of weather, sun, moon, stars, directions. Spring: Bird life, insect life connected with garden.

References: Hodge's Nature Study and Life; Wilson's Manual for Nature Study; Comstock's Handbook in Nature Study.

Manual Training. Building house and stores in connection with history; this developed through paper cutting, weaving, clay modeling, and sewing.

Physical Training. The work of each of the primary grades is of the same type, increasing in organization and complexity in the third grade. The aims are: To stimulate growth; to develop alertness; to give rest and joy through physical activity; to develop a certain amount of poise and self control. The work consists in supervised play-ground work, rhythmic songs and marches, singing games, simple folk dances, and simple gymnastics.

Music. Songs used for their value in developing the child. Work to be a source of enjoyment. Attention given to the development of the child's ear and voice; tone testing; rote songs, chosen for beauty of song and musical expression, in connection

with seasons and festivals; syllable songs to teach new tone combination and rhythms.

References: Gaynor's Songs in Season; Churchill-Grindell books; Crowningshield's Mother-Goose Songs; Gaynor's Song Books, One and Two.

Drawing. Aim: To develop power of expression. Illustrative work in history, literature, and nature study; study of color spectrum and color combinations.

SECOND GRADE.

Language. Simple sentence structure continued; use of capitals, periods, question mark, comma; copying poetry; written reproduction of stories and other work developed in class; oral reproduction and dramatization of stories; picture study.

Literature. Kipling's Jungle Tales; Grimm's and Anderson's Fairy Tales; Aesop's Fables; Waterloo's Story of Ab; Kipling's Just So Stories; Aladdin and His Wonderful Lamp; Greek Myths. Selections from Hazard's Three Years with the Poets; Stevenson's Child Garden of Verse; McMurry's Tree-top and Meadow; Sherman's Child Lyrics.

Reading. Summers' Second Reader; Baker and Carpenter's Second Reader; Van Sickles' Second Reader; Brooks' Stories of Red Children; Dopp's The Tree Dweller, The Early Cave-Men, The Later Cave-Men; Smith's Eskimo Stories; Smythe's Reynard the Fox; Serl's in Fableland.

Phonetics. Complete consonants and phonograms; continued study of word structure through the use of basic syllables.

Spelling. Words selected from reading, written work, and from phonetic lists; words defined and used in sentences.

History. First term: Study of food and clothing problems, building stores. Second and third terms: Development of industries through the study of primitive life in comparison with industry as found in the hunting and fishing stages.

Texts: Dopp's Tree-Dweller, Early Cave-Men, Later Cave-Men; Smith's Eskimo Stories.

Mathematics. Addition with carrying; subtraction without borrowing; multiplication tables, 2's, 3's, 4's, 5's, 10's; division and fractions in connection with the multiplication tables; concrete problems in connection with other work.

Nature Study. Fall term: Study of insect life found at that

time. Winter term: Hygiene. Spring term: Study of germination in connection with garden work.

References: See first grade; and Cumming's Nature Study.

Manual Training. Building and construction work in connection with history, including paper cutting, paper construction, clay modeling, sewing.

Physical Training. See first grade.

Music. Continuation of the work of the first year. Notation introduced through written representation of syllable songs, and sight reading through this notation.

Text: Modern Music Series Primer.

References: See first grade; Robert Louis Stevenson's Songs; Song Cycle.

Drawing. Aim and material same as first grade with added attention to technique.

THIRD GRADE.

Language. Formal work applied to all written work: Use of capitals, simple punctuation, common contractions and abbreviations, quotation marks, and indentation of paragraphs. Constructive work: Critical study of words, their use and force in sentences; written summaries of lessons; oral and written dramatization of stories; the writing of original stories and poems. Picture study of Landseer, Rosa Bonheur, and Millet. Memorizing poems.

Literature. Selections from the following books are used: Mabie's Norse Myths; Baldwin's Siegfried; Barber-Wagner's Operas; Mac Gregor's The Knights of King Arthur's Court; Tennyson's Idylls of the King; Harrington's In Story-land; Arabian Nights. A study of the following poets and some of their poems: Helen Hunt Jackson and her September and October; Robert Louis Stevenson and poems from The Child's Garden of Verse; Carey Sisters and a few poems; Longfellow and his poems, Hiawatha's Childhood, The Children's Hour, The Arrow and the Song. Seasonal poems studied each month.

Reading. Appreciative reading based upon the following books: Baker and Carpenter's Third Year Language Reader; Van Sickles' Riverside Third Reader; McMurry's Robinson Crusoe; Baldwin's Old Stories of the East; Andrews' Seven Little Sisters.

Reading for speed and mastery of technique. New Educational Reader, Third Year, used for practice.

Spelling. Study of phonetic words; homonyms; formation of plurals of common words; words misspelled in all written work.

History The development of industries through the pastoral stage based upon Bayliss' Little Cliff Dweller, Dutton's In Field and Pasture, Baldwin's Old Stories of the East. The child in October is introduced to his own country through the story of Columbus, in November to the story of the Pilgrims, in February to the story of Washington.

Arithmetic. Facts and processes intended to be mastered: Subtraction with borrowing; all multiplication tables; multiplication with two figures in the multiplier; short division; solving simple, practical problems.

Text: Walsh and Suzzalo's Fundamental Processes.

Geography. Using the child's experience of geographical conditions in Cape Girardeau as a basis, the following work is done through the year: Study of Robinson Crusoe, emphasizing islands; climate with its effect upon animal and vegetable life; plan or map-drawing; the use of The Seven Little Sisters and similar books to give material for the study of countries through the life of their children.

Nature Study. Fall term: Distribution of seeds. Winter term: Study of the thermometer; cause of heat and cold; effect upon land, water, and vegetation. Spring term: More specific study of birds and their habits; cultivation of gardens. Study of wild life in connection with the reading of Wilderness Ways and Thompson Seton's Stories of Animals.

Manual Training. The work in history and geography forms the basis for most of the handwork. The typical scene of each country studied in geography is worked out upon the sand table and also in small sand boxes. Booklets upon these countries are written in Language and illustrated and bound in Drawing. Christmas gifts are made for the father and mother.

Physical Training. See first grade.

Music. Continuation of the work of the second year. Notation: Quarter, half, whole, and eighth notes and rests named and used in copying and writing; relative value of notes and rests;

signatures placed and *do* located in keys of C, G, D, A, E, F, B flat, E flat and A flat. Sight reading in any key in 2-4, 4-4, 3-8, and 6-8 time. Two voice work through rounds.

Text: Modern Music Series, First Reader.

Drawing. Aim to develop power of expression. Illustrative work, design, the simple principles of composition and color as applied to booklets; working out units for design from similar forms and applying them to the decoration of objects used in other classes. Continue color work and drawing from objects, more attention being given to correct proportion.

INTERMEDIATE GRADES.

FOURTH GRADE.

Language. The beginning of outlining; simple paragraphing; undivided quotations; comma in series; common contractions and abbreviations; possessive singular. Oral and written reproduction exercises; oral and written original composition; dictation; friendly letter forms; original poems and stories. Picture study.

Reading and Literature. Lights to Literature, Book IV; Kingsley's Water Babies; selections from Longfellow and Stevenson; Aladdin; Ruskin's The King of the Golden River; Baker and Carpenter's Language Reader, Fourth Year; Alexander's Fourth Reader, Child Classics.

Spelling. Lists of words from other lessons; common words often misspelled. Attention is called to words that are different because of pronunciation or spelling. Prominence is given to double letters, silent letters, vowels, unaccented syllables, *ei* and *ie*, and terminations like *ible*, *able*, *tion*, *sion*, *cion*. Dictation exercises. Drills in synonyms, homonyms, abbreviations, diacritical marking, word analysis, and rules for spelling. The work is both oral and written. Mere mechanical repetition of letters is avoided.

Penmanship. Forearm movement used. Work for successful development of form of letter and freedom of movement. All letters are classified according to similarity of form, that is, according to similar elements or principles composing the letter; the simplest forms are presented first, each succeeding group leading to forms more difficult.

History. Pratt's Myths of Old Greece; Shaw's Stories of An-

cient Greeks; Foster and Cumming's Asgard Stories. Biographical treatment of important phases in American History.

Arithmetic. The aim is to secure a high degree of facility in the use of the fundamental operations; to teach the child to see relations existing between numbers. Great stress is laid on the thought side of the work. Last half of the book.

Text: Walsh and Suzzalo's Fundamental Processes.

Geography. 1. Study of Cape Girardeau: Plan of streets; location of public buildings and other important places; map of town drawn; location; industries of town visited and studied. 2. Nearby towns studied as to location and industries. 3. Imaginary trips to St. Louis, Jefferson City, Kansas City. 4. State as a whole: Location, important cities, industries, map drawn and moulded. 5. Trips to important cities in the United States. 6. Winslow's *The Earth and Its People* used the last eight weeks of the year. Review and enlargement of world concept of third grade.

Nature Study. Fall term: 1. Animal Life: Learn to know the locust, meadow grasshopper, cricket, monarch butterfly, cabbage butterfly; study something of their life history and their economic importance. With the cabbage butterfly give special emphasis to the destruction wrought during larva stage. Notice birds preparing for migration. 2. Weather records: Keep a record of temperature, sunshine and direction of wind; notice time of sunsets, shortening of days; teach the thermometer, F scale. Winter term: 1. Animal life; study continued. 2. Weather records continued. 3. Wright's *Wayside and Seaside*, Book One. Spring term: 1. Animal life; fly, mosquito, why to be destroyed and how. Bird calendar; study of bird calls. 2. Plant life; study of common garden seeds, their germination, conditions necessary for growth, planting, cultivation; weeds that destroy our gardens, their names, size, how they come, why injurious, how destroyed. 3. Sanitation: Cleaning yards, houses, streets.

Physiology. Gulick's *Good Health*.

Music. Continuation of third grade work.

Drawing. Autumn: 1. Study of autumn flowers, weeds, sprays, leaves and seed pods; work for placing, character of growth, proportion of parts, color. 2. Study of animals, quick sketches for action; study of character in proportion; study of pictures of animals. 3. Illustrations for Aesop's fables, especially

those dealing with animals. 4. Illustrations for Hallowe'en and Thanksgiving; place cards and book covers for language work. 5. Color study: Hues of color, color matching. Winter term: 1. Making and decorating of simple objects for Christmas. 2. Drawing of toys, winter implements; silhouettes of simple objects. Working for proportion in character. 3. Illustrating stories: Christmas, winter sports; working for action and good arrangement of the parts of picture. 4. Valentines. Spring term: 1. Object drawing. 2. Illustrations: Spring games and occupations. 3. Spring flowers. 4. Borders using flowers as motif. 5. Easter booklet.

FIFTH GRADE.

Language. Dictation: Oral and written reproduction exercises; comma in series and after "yes" and "no"; quotations, undivided and divided; letters formal and informal; paragraphing; possessive singular and plural. Original stories and poems. Sentences: Declarative, imperative, interrogative, exclamatory. Oral and written original composition. Continuation of outlining.

Reading and Literature. Lights to Literature, Book Five; Robinson Crusoe; Hawthorne's Wonder Book, Alexander's Child Classics, Fifth Reader; poems from Longfellow, Tennyson, and Celia Thaxter.

Spelling. See fourth grade.

Penmanship. See fourth grade.

History. Haaren's Famous Men of Greece, Famous Men of Rome, and Famous Men of the Middle Ages.

Arithmetic. The work is made as practical as possible. Emphasis is placed on the thought analysis of problems. Rapid drill work is given in the fundamental operations and also in reasoning. First half of book.

Text: Walsh and Suzzalo's Essentials.

Geography. How the different peoples of the world are fed, clothed, sheltered, and how they travel. Chamberlain's texts are used as a basis for the work. The lessons take the pupils to all parts of the world, and thus the world concept of the two previous grades continues to grow.

Nature Study. Work correlated with industrial geography.

Cultivation of grain, fibre plants, foreign fruits, nuts, and plant products studied. Lumbering, mining and quarrying; fisheries.

Physiology. Gulick's Emergencies.

Manual Training. Knife work for boys.

Sewing. 1. Discussion of materials, thimbles, needles, scissors; correct position, direction of light. 2. Canvas work; stitches; turning, basting, overseaming, overcasting, catch, and cross-stitch. 3. Application of stitches on canvas needle work. 4. Small doily designed and outlined in running stitch. 5. Apron.

Drawing. Autumn: 1. Sprays with fruit; leaves; seed pods. Shapes of leaves. 2. Trees: Single trees; trees in autumn landscape, showing distance. 3. Illustrated stories involving action. Color: Hues, value of color, complementary colors. 4. Border designs, cover for language work. Stenciling. Winter: 1. Grouping of objects; relation of objects to each other and to ground and background. 2. Effect of change in level, in cylindrical and rectangular objects. 3. Illustrations; stories; selection from literature. 4. Action poses. 5. Still life. Spring: 1. Familiar trees for characteristic shape. 2. Growth of twigs, outline sketched. 3. Painting of spring flowers. 4. Designs based on flowers to be applied by stenciling. 5. Action poses.

SIXTH GRADE.

Language. Drills on forms taught in preceding grades. Friendly and business letter forms; paragraphing; oral and written reproduction exercises; oral and written original composition; original poems and short stories. Memorizing of good literature.

Reading and Literature. Lights to Literature, Book Six; Dickens' Christmas Carol; Browning's The Pied Piper; Hawthorne's The Great Stone Face; Rip Van Winkle; The Legend of Sleepy Hollow; selected poems.

Spelling. See fourth grade.

Penmanship. See fourth grade.

History. Harding's Story of Europe.

Arithmetic. The work is based on the last half of the Intermediate Arithmetic. Emphasis and drills the same as in the fifth grade.

Text: Walsh and Suzzalo's Essentials.

Geography. The year is spent on North and South America

and the dependencies of the United States. Map drawing and moulding of relief maps.

Text: Dodge's Geography, Second Book, supplemented by Carpenter's Geographical Readers and Winslow's Our American Neighbors.

Physiology. Gulick's Town and City.

Manual Training. Bench work for boys.

Sewing. See fifth grade.

Music. The chromatics, sharp four and flat seven are introduced and studied in all the keys. The unequally divided beat and triplet are introduced, and many songs in illustration of these problems are learned, together with the songs of season and other songs for the development of taste.

Drawing. See fifth grade.

UPPER GRADES.

SEVENTH GRADE.

Language. Oral and written composition based on observational and original thought. Correct habits of speech and writing and original treatment are stressed. Business and social correspondence, pure story-telling, and dramatization of literature studied are the means used. Sentence: Subject, connectives, complements, modifiers, clauses. Parts of speech: Noun, pronoun, adjective. Composition work, oral and written, leading to free expression and organization, based on topics taken from Geography and other subjects.

Literature. Memorizing and oral reading as test of interpretation. Miles Standish; Wiggin's Flag Raising; Arold's Sorab and Rustum; selected nature and patriotic poems from Whittier, Longfellow, and Riley; Cooper's The Last of the Mohicans. Outside reading: Churchill's Cross; Hoosier School-Boy; Robin Hood Stories.

History. Conditions of Europe leading to the discovery of America; colonization; beginning of a union; revolutionary war period to the Constitutional Convention. Leaders of the periods.

Text: Bourne and Benton.

Arithmetic. Review of denominate numbers by making house plans and other practical problems involving lumbering, plastering, papering, floor covering, volume, and capacity. Applications

of percentage. Profit and loss, commission, one method of finding interest.

Text: Walsh and Suzzalo's Essentials.

Science. Geography: The principles of Geography and the study of Europe, Africa, Asia, and Australia. Agriculture: Common crops, domestic animals, local industries, truck gardening; poultry raising. Correlated with geography throughout the year.

Text: Dodge's Advanced Geography; Government Pamphlets.

Manual Training. Elementary bench work and mechanical drawing.

Domestic Science. Food study: Composition, digestion, use in body. Kitchen laboratory work; experiments with proteins, carbohydrates, and fats; preparation of foods such as cereals, breads, light and quick soups, vegetables, simple desserts.

Physical Training. Formal corrective exercises ten minutes daily in the recitation room. Directed play at recess, including indoor baseball, captain ball, basket ball, song games, and folk dances.

Music. Two and three part songs; sight reading; tone production.

Texts: Modern Music Series, Alternate Third Reader.

Drawing. The home is made the center. The work in color, color schemes and designing is based on the decorating and the furnishing of the home.

EIGHTH GRADE.

Grammar. Parts of speech; sentence structure and analysis. School paper as motive for various phases of composition work: Editorials, original stories, reports of other classes.

Literature. Outlining of plot development; interpretative reading. Julius Caesar; Lay of the Last Minstrel; Irving's Tales of the Alhambra; Longfellow's Hiawatha.

History. Constitutional Convention to the present day by epochs: Industrial and Constitutional Development. Present day problems. Civics: Runs through year in connection with history. Local and state problems. History and Geography of Missouri.

Texts: Bourne and Benton's History of the United States; The Missouri Blue Book; The Missouri Red Book.

Mathematics. Arithmetic: Business applications: Banking, depositing money, checks, drafts; taxes; money orders; duties; equations; proportions; mensuration. Two terms. Algebra: Fundamental operations, simple equations, factoring. One term.

Texts: Walsh and Suzzalo's Arithmetic; Hawkes-Luby-Touton's First Course in Algebra.

Science. Geography: Organization of the work of previous years by a comparative study of the commercial and social conditions of the world. Intensive study of typical industries, such as cotton, silk, coal mining. Two terms. Physiology: Information leading to formation of wholesome habits and efficient bodies. One term.

Texts: Dodge's Advanced Geography; Coleman's Physiology, supplemented by the Gullick Hygiene Series.

Manual Training. Continuation of the work of the seventh grade. **Domestic Science.** Continuation of the work of seventh grade. **Music.** See seventh grade. **Drawing.** See seventh grade.

HIGH SCHOOL.

Each high school course receives the same Normal credit as is allowed to the corresponding course in the Elementary Department.

FIRST YEAR.

Latin. Drill in forms and constructions. Connected reading based upon Caesar after the first month; stories, fables, and Roman History after the fourth month. These selection are used as material for short compositions in Latin after the sixth month. A few Latin songs are learned.

Texts: Inglis and Prettyman's First Book in Latin; Collar's The New Gradatim.

English. Composition: Oral and written, based upon the experiences of others, upon the experiences of the pupil, and upon imagination; the development of unity, proportion, and other rhetorical principles; narration in simple and dialogue forms, description; sentences and paragraph structure; outlining; punctuation. Literature: Selections used to illustrate the foregoing points, and to develop interpretation and good vocal expression. Bryant's Ulysses among the Phaeacians (correlates with Ancient History), Poe's Gold Bug, the Descent of the Maelstrom, The Fall of the House of Usher; Sir Patrick Spens and other ballads;

Dickens' *Tale of Two Cities*; Stevenson's *Treasure Island*; Shakespeare's *Merchant of Venice*. Spelling: Lists made from the words misspelled or mispronounced in each class; these words are studied with the teacher.

Text: Crandall's First Year High School English.

History. The Orient. Greece. Rome. Each nation is studied for its influence upon contemporary nations and upon all succeeding nations in politics, religion, art, literature, law, and philosophy. Note books are kept in which outlines based on cause and effect are recorded. Themes which involve outside reading at least once a term.

Text: Webster's Ancient History.

Mathematics. Algebra: Operations involving the equation, simple and quadratic. Graphs of linear equations and of statistics.

Text: Hawkes-Luby-Touton's First Course in Algebra.

Science. Physical Geography: The effects of the forces of nature upon the life of man. Two terms. Agriculture: Care of plants, animals, and the soil; crops, farm management. Laboratory work. Two terms.

Texts: Arey, Bryant, Clendennin and Morrey's *Physiography*; Warren's *Elements of Agriculture*; Caldwell and Eikenberry's *General Science*.

Manual Training. Bench work and mechanical drawing. Normal Course 4.

Sewing. Normal Course 5.

Physical Training. Playground work under direction. Boys: Baseball, indoor baseball, basketball, Japanese tag, hit and halt, circle dodge, potato race, and other games. Girls: Basketball, knockout, captain ball, Indian club races, folk dances.

Music. Two and three part songs. Work of the grades continued.

Text: Modern Music Series.

Drawing. Normal Course A or 1.

SECOND YEAR.

Latin. Work equal to four books of Caesar: *Fables*; Books II, III, IV, and selections from V, VI and VII. Themes upon assigned reading. Prose composition: Twenty lessons upon forms

and constructions, ten lessons on sentences based directly upon the parts of Caesar read.

Texts: Miller and Beeson's Second Year Latin; Allen and Greenough's New Latin Grammar; Pearson's Prose Composition.

English. Rhetoric and Composition extended through a simple treatment of expository and argumentative forms. Literature: Coleridge's Ancient Mariner; Scott's Ivanhoe; Shakespeare's As You Like It. A brief study of a few American writers with such illustrative readings as Bryant's Sella, Longfellow's Tales of a Wayside Inn, Hawthorne's short stories, Webster's Bunker Hill Oration, Lincoln's Gettysburg Speech. Spelling: See first year.

Text:

History. Mediaeval and Modern. Rise of the modern nations; their social, religious, and industrial development. Close connection made with current events.

Text: Bourne's History of Mediaeval and Modern Europe.

Mathematics. Geometry. Special attention is paid to original demonstrations.

Text: Lyman's Plane and Solid Geometry.

Science. Zoology: Two terms. Botany: One term. The study of animals and plants. Note books of original drawings, and observations based on laboratory experiments and field excursions.

Texts: Harvey's Elements of Zoology; Bergen's Elements of Botany, Revised Edition.

Manual Training. Normal Course 5. **Sewing.** Art Needlework. Normal Course 7. **Physical Training.** See first year. **Music.** See first year. **Drawing.** Normal Course.

S. A. K. Society. The general work of the high school is assisted by a literary society, Seeks After Knowledge, which meets weekly, and is conducted under regular parliamentary rules.

REGISTER OF STUDENTS AND ALUMNI.

COLLEGE CLASS OF 1915.

Graduating June 3, 1915.

Degree—Bachelor of Arts.

Thomas Augustus Abbott, Cape Girardeau.

Mary Ledbetter, Farmington.

Degree—Bachelor of Science in Education.

Edwin Andrew Hayden.

Graduating August 14, 1915.

Degree—Bachelor of Arts.

Alvin Russell Harnes, Cape Girardeau

Degree—Bachelor of Science in Home Economics.

Flossie Myrtle McKnight

ADVANCED PROFESSIONAL CLASS.

Graduating June 3, 1915.

Ashburn, Rebecca Doss, Farmington.
Ashburn, Ruth Paca, Farmington.
Berry, Audrey Elva, Cape Girardeau.
Burton, Marvin Larkin, Cape Girardeau.
Carter, Franklin Charles, Cuba.
Champion, Fay Harding, Cape Girardeau
Clow, Mabel, Salem.
Collins, Cora Mabel, Cape Girardeau.
Cracraft, Grace Belle, Jackson.
Davis, Andrew Paul, Owensville.
Davidson, Earl Walter, Greenville.
Difani, Ulva, Clara, Perryville.
Dorrenbach, Helen Margaret, Menominee, Wis.
Francis, Bessie, Bonne Terre.
Fuerth, Marie Antoinette, Cape Girardeau.
Gangel, Mae Adis, Cape Girardeau.
Gladish, Leeman Augustus, Jackson.
Granger, Elizabeth Miller, Jackson.
Hall, Althea May, Kennett.
Hall, Kittie May, Kennett.
Handshy, Ruby Mahala, Edwardsville, Ill.
Hasslinger, Freda, Cape Girardeau.
Hayden, Clara Rider, Cape Girardeau.
Hempstead, Fay Russell, Cape Girardeau
Henderson, Averil, Jonesboro, Ark.
Henrich, John Albert, Farmington.
Hofmann, Sophia Catherine, Wellston.

Hope, Mary Nelle, Jackson.
Hopson, Grace Gertrude, De Soto.
Howard, Robert Lorenzo, Jackson.
Huff, John Franklin, Williamsville.
Huss, Genevieve, Farmington.
Jeffers, Susie Lucille, Dexter.
Johnston, Gertrude Norma, Bloomfield.
Killough, Miriam, Perryville.
King, Pansy Virginia, Cape Girardeau.
Lawson, Virginia, Cape Girardeau.
Ledbetter, Mary, Farmington.
Lockhart, Ezra Lee, Owensville.
Long, Chessie, De Soto.
McKay, Langdon Landreth, Kennett.
McLain, Eva Ethel, Jackson.
Martin, Charlotte, Irondale.
Medley, Ruth Juliette, Jackson.
Meek, Harriet Louise, De Soto.
Miller, Floy Salene, Arcadia.
Moore, Clarence Lee, Cape Girardeau.
Morrill, Helen May, Pacific.
Morrison, Jessie Carman, Kirkwood.
Muir, Irene, Pacific.
Nicholas, Lillie Belle, St. Louis.
Norvell, Grace Rebecca, Cape Girardeau.
Ozorio, Auta de Taveres, Farmington.
Ozorio, Dorothy de Taveres, Farmington.
Pickel, Myra Margaret, Kirkwood.
Pickens, Erma Viola, Cape Girardeau.
Ranney, Wathena, Cape Girardeau.

Reed, Julia Catherine, Jackson.
Ringo, Lucille Parradine, Ironton.
Roberts, Mary Edith, Cape Girardeau.
Ruff, Jean Helm, Cape Girardeau.
Ruppell, Bertie May, Jackson.
Schafer, Mathilda, Doe Run.
Scism, Don, Bloomfield.
Snider, Jennie, Campbell.
Snider, Vandelia, Campbell.
Turner, Mildred Kathryn, St. Louis.

Umbeck, Clara Louise, Cape Girardeau.
Walker, Carrie Anne, Bloomfield.
Walker, Rose Marion, Kennett.
West, Martha, Kennett.
Westover, Georgia, Farmington.
Wharry, Kathleen Eloise, Charleston.
White, Harry Ross, Kennett.
Willer, Emma Virginia, Cape Girardeau.
Wilson, Allene, Cape Girardeau.

ADVANCED PROFESSIONAL CLASS.

Graduating August 14, 1915.

Clippard, May, Oak Ridge.
Cox, Harvey Bernard, Crosstown.
Deneke, Wesley, Jackson.
Duncan, Ella May, Malden.
Fuchs, Emma, Memphis, Tenn.
Handshy, Olive Marie, Edwardsville, Ill.
Hoch, Bernadette Marie, Cape Girardeau.
Hoch, Celeste Elizabeth, Cape Girardeau.
Kiehne, Otto Christian, Gordonville.
Kollmeyer, Lourine, Farmington.
Krueger, Emma Agnes, Cape Girardeau.
Lawrence, Harryvan, Doniphan.
Magee, Ruth Violet, Bloomfield.
Martin, Elmo Simrel, Doniphan.
McColgan, Reba, Dexter.
McKay, Joseph John, Kennett.
McLain, Grace Williams, Jackson.
Miller, Erban Burette, Cape Girardeau.
Moore, Bess, Festus.
Morris, William Wesley, Mountain View.

Neal, Harry Lee, Cape Girardeau.
Norvell, Paul Caston, Cape Girardeau.
Pryor, Margaret, Mexico.
Pryor, Harrie, Mexico.
Reaves, Samuel Curtis, Cape Girardeau.
Rider, Amzi Leech, Cape Girardeau.
Sachse, Theodore Julius, Jackson.
Schafer, Marguerite Frederica, Doe Run.
Scott, Charles, Charleston.
Silger, Margaret Anne, Grandin.
Suenkel, August Benjamin, Drake.
Triplett, Nellie Clementine, Cape Girardeau.
Welborn, Verna Ellen, Cape Girardeau.
Welker, Ira Edmund, Marble Hill.
Wentzel, Louis Robert, Owensville.
Wilde, Ada, Advance.
Willer, Virginia Emma, Cape Girardeau.
Williams, Pearl, Cape Girardeau.
Williamson, Robert Foster, Puxico.
Wood, Martha May, Eureka.

SCHOOL OF MUSIC.

Diploma for Completion of Music Course.

Graduating June 3, 1915.

Mellie Driskill, Oran

DEPARTMENT OF HOME ECONOMICS.

Diploma for Completion of Three-Year Course.

June 3, 1915.

Adelaide Russell, Cape Girardeau

ELEMENTARY PROFESSIONAL CLASS.

Graduating June 3, 1915.

Banta, Mary Irene, Berryman.
Bone, James Guy, Bismarck.
Blomeyer, Verena, Farmington.
Carnochan, Ethel Grace, Poplar Bluff.

Chapline, Beulah Zelma, Poplar Bluff.
Chambers, Allie, St. Louis.
Cobble, Carl Walter, Jackson.
Coleman, Ruth Thomas, Gate City, Wash.

Whitney, Isabella, St. Louis.
 Conrad, Rudolph R., Marble Hill.
 Cox, Ruby Cecil, Essex.
 Dale, Jennie Anne, Florissant.
 Driskill, Mellie, Oran.
 Evitts, Charles Walter, Marston.
 Finley, James Barry, Oran.
 Gaertner, Charles Edward, Hermann.
 Gaertner, Ernest William, Hermann.
 Graham, Ruby Morris, Hayti.
 Green, Norman, Winona.
 Hamblen, Stella Everett, Mill Creek.
 Hicks, Raymond Richard, Yount.
 Jones, Nellie, Robertsville.
 Kinder, Screngo, Cape Girardeau.
 Lages, Richard Charles, Anniston.
 Lambert, Jessie Nanna, Benton.
 Long, Jennie Katherine, Bonne Terre.
 McAdoo, Cornelia Merle, East Prairie.
 McCann, Floyd, St. Louis.
 McNabb, Letha, Gatewood.
 Magee, Naomi, Bloomfield.
 Matthews, Mary, De Soto.
 Mecklem, Mabel, New Madrid.
 Murrill, Louise Estelle, Bonne Terre.
 Myrant, Samuel Houston, Poplar Bluff.
 Nolte, Ruth R., Clayton.

Perry, Marietta, River Mines.
 Poeschel, Alma Ethel, Hermann.
 Ranney, Mabel, Cape Girardeau.
 Ratley, Henrietta, Doe Run.
 Reed, Alma Catherine, Aux Vasse.
 Reed, Aquilla Simpson, Advance.
 Reilly, Elizabeth I., St. Louis.
 Revelle, Walter, Marble Hill.
 Rubel, Anne Pauline, Herculeaneum.
 Schneider, Claire Lucille, Jefferson
 Barracks.
 Steele, Lyman, Jackson.
 Steele, Susan, Poplar Bluff.
 Steiner, Alma Helena, Doe Run.
 Stocks, Mary, Malden.
 Sternberg, Esther, Gordonville.
 Stokely, Zera Lee, Williamsville.
 Swilley, Emma, Cape Girardeau.
 Talley, Mabel Elizabeth, Jackson.
 Tarlton, Mattie Lee, Cape Girardeau.
 Taylor, Ethel Naomi, Centerville.
 Vassier, Esther Barbara, Wellston.
 Wallach, Stanislav, Fenton.
 Waltrip, Nell Victoria, Clarkton.
 Wiethop, Martha, Jefferson Barracks.
 Whitener, Otto Lafayette, Arab.

ELEMENTARY PROFESSIONAL CLASS.

Graduating August 14, 1915.

Abernathy, Hallie Luella, Menfro.
 Baker, Kattie Natalie, Campbell.
 Belchamber, Lula, Glen Allen.
 Bennett, Elsie Helen, Bridgton.
 Bernard, Esther Katherine, Jefferson
 Barracks.
 Bishop, Annie Laurie, Ironton.
 Bleiker, Ross Franklin, Hillsboro.
 Boyd, Martha Ann, Esther.
 Cawthon, Maud Helen, Kennett.
 Chostner, John Hezekiah, Marble Hill.
 Condray, Henry Diro, Ellsinore.
 Crank, Jessie Dudley, Malden.
 Difani, Lulu, Perryville.
 Diggs, Mary, New Haven.
 Eaton, Bethel Marie, Desloge.
 Edwards, Mancia Cora, East Prairie.
 Elder, Nell, Caruthersville.
 Enright, Helen Mary, Eureka.
 Fish, Richard Graham, Lithium.
 Fugate, Ena Lillian, Doniphan.
 Fugate, Ruth Vashti, Doniphan.
 Garrison, Elizabeth Fern, Cape Girar-
 deau.
 Gisi, Hilda Lucinda, Ste. Genevieve.
 Goodin, Katherine, Charleston.

Green, Anice, Cape Girardeau.
 Greene, William McKinley, Fremont.
 Grimsley, Loren B., Laffin.
 Handlon, Matilda Grace, Wellston.
 Harrison, Georgia, Rolla.
 Harrison, Grace Willie, Richmond.
 Hawn, Nora May, Lutesville.
 Hoffman, Henry Theodore, Jackson.
 Houston, Luvina E., Irondale.
 Humphrey, Jake Dean, Irondale.
 Jackson, Virginia, Winchester, Tenn.
 Jones, Bessie Estelle, Seventy-Six.
 Johnson, Ella Mae, Piedmont.
 Johnson, Lulu May, Bloomfield.
 Liebig, Mary Pauline, Allenton.
 McCutchen, Lee, Campbell.
 McCullough, Minnie Myrtle, Lutesville.
 McFarland, Julia Richards, Bonne Terre.
 McPherson, Charles Robert, Bonne Terre.
 Martin, Elva Lee, Middletown.
 May, Elsie Lee, Desloge.
 Mergentheimer, Selma, Flat River.
 Murchison, Beatrice, Sikeston.
 Murchison, Vernetta Love, Sikeston.
 Murphy, Nora Gertrude, Bonne Terre.

Murphy, Mabelle, Poplar Bluff.
Niess, Josephine Emma, St. Louis.
Norman, Sarah Elizabeth, Doniphan.
Norvell, Jerome Frank, Cape Girardeau.
Patton, Alma, New Haven.
Paullus, Stella, Coldwater.
Perkins, Mary Phyllis, Flat River.
Pender, Eva Florence, Jackson.
Penny, Fern, Oak Ridge.
Pickens, Grace, Cape Girardeau.
Pool, Minnie Belle, Kennett.
Ponder, Addie Elizabeth, Bertrand.
Purves, Janette Hunter, Wellston.
Ratherd, Charlotte, Kirkwood.
Reese, Oscar Norwin, Coldwater.
Riley, Euletta Anna, Louisiana.
Robertson, James Frederick, Jackson.
Robbins, Rita, Marble Hill.
Rosenstengle, Harry Frederick, Doe Run.
Sackman, Ella Amanda, Farmington.
Seyfarth, Frank George, Fredericktown.

Sharrock, Harold Glen, Libertyville.
Shell, Frederick Mason, Oak Ridge.
Sisler, Florence Julia, St. Louis.
Smart, Eunice, Charleston.
Stecker, Edith Delphine, Clayton.
Steel, Lillian, St. Louis.
Strayhorn, Eugene Ruth, Flat River.
Strayhorn, Lena Ethel, Flat River.
Van Horne, Frank, Aux Vasse.
Van Amburg, Albert Lee, Advance.
Vinyard, Harry Andrew, Pevely.
Waggener, Lucetta, Festus.
Ware, Nellie, Fredericktown.
Wathen, Fanny Russell, Lebanon, Ky.
Wilder, Hugo, Cape Girardeau.
Wirsching, Hattie, St. Louis.
Wright, Edna, Rolla.
Wunderlich, Bernhard Zachariah,
Pocahontas.
Wylie, Leah, Sikeston.
Zook, Ellsworth Irving, Granby.

RURAL SCHOOL CERTIFICATE CLASS.

Graduating June 3, 1915.

Bingenheimer, Albert, Jackson.
Bingenheimer, Otto, Jackson.
Bollinger, Grace Edith, Advance.
Boxx, Martin Luther, Upalika.
Brown, Harry, Cape Girardeau.
Brackmann, Roscoe, Eureka.
Collins, Edna, Webster Groves.
Copeland, Erna, Ellington.
Evans, Grace Riddle, St. Louis.
Goza, Herbert, Advance.
Grinstead, Nola, Braggadocio.
Haupt, Lula Caroline, Cape Girardeau.
Heaton, Cleo, Puxico.
Heaton, Leo, Puxico.
Heitman, Arthur, Patton.
Hoffman, Anne E., Ste. Genevieve.
Hollister, Gladys Irene, Sikeston.
Howard, William, Shawneetown.

Kipping, Concordia, Cape Girardeau.
Lane, Roberta, Cape Girardeau.
Lufcy, Herman, Leora.
McKee, Jennie, Cape Girardeau.
Miller, Hunter, Jackson.
Moore, Fred Maxwell, Whitewater.
Neal, Ivan, Cape Girardeau.
Nevens, Hazel Marie, Jackson.
Page, Clifton B., Puxico.
Pierce, Lula M., Hillsboro.
Rennick, Daisy, Rosebud.
Seabaugh, Bland, Sedgewickville.
Sewing, Herman Kossuth, Friedheim.
Shrum, Jennie, Kennett.
Statler, Maud Ethel, Daisy.
Stilts, Joseph F., Arab.
Tacke, Lillie Viola, Oak Ridge.
Thompson, Bernard, Gordonville.

Graduating August 14, 1915.

Bell, Cephas Marlin, Alton.
Cory, Laura Keene, Cape Girardeau.
Fowler, Adelaide, Ardeola.
Hawkins, Mary Pearl, Conran.
Juden, Clara Lee, Cape Girardeau.
Killough, Ruth, Perryville.
Kinder, Hazel Dell, Marble Hill.
Lee, Bertha Pearl, Poynor.
Leslie, Ruby Aldah, Millerville.
McElreath, William, Drum.
McKee, Newell Query, Jackson.

McLaughlin, James Curtis, Neely's
Landing.
Maintz, Benjamin Frederick, Oak Ridge.
Marshall, Dola, Benton.
Marshall, Oma, Cape Girardeau.
Orton, Bessie Saline, Caruthersville.
Payne, Ena Ida, Webster Groves.
Reed, Nettie, Ellington.
Sellards, Effie, Sikeston.
Steimle, Leo, Cape Girardeau.
Woracheck, Nellie, Grantsburg, Ill.

PRIZES AND MEDALS WON IN 1915.

Oliver Prize in Oratory.....	Mr. Harvey Bernard Cox.
Oliver Prize in Essay.....	Miss Clara Umbeck.
Regents' Medal for Oratory	Mr. Martin Neumeyer.
Faculty Medal for Recitation	Miss Miriam Killough.

STUDENTS ENROLLED IN SUMMER TERM, 1914.

Abbott, Thomas Augustus, Cape Girardeau.	Blackburn, Virginia Lee, Cape Girardeau.
Abernathy, Sheral Addison, Cape Girardeau.	Blackburn, Nan, Cape Girardeau.
Adams, Edna Carrie, Pocahontas.	Blagg, Fae, Harviell.
Adams, Virginia Zoe, Belgrade.	Blanton, Edna May, Sikeston.
Akers, John Clyde, Farmington.	Boas, Lavinia Enggledow, Mineral Point.
Alexander, Julia Hazel, Knobel, Ark.	Bollefur, Elvinia, Kimmswick.
Allbright, Nettie, Marquand.	Bollefur, Hannah, Kimmswick.
Alphin, Floy, Pocahontas, Ark.	Bone, Gertrude, Herculanum.
Allen, Logan Emerson, Puxico.	Bono, Effie Edith, Ste. Genevieve.
Alsup, William James, Broseley.	Boring, George Victor, Bellview.
Altheide, John Paul, New Haven.	Borth, Alma, Doniphan.
Altheuser, Lillian Hermina, Caledonia.	Bower, Ethel Corinne, Blytheville, Ark.
Altheuser, William Herman, Caledonia.	Bowman, Elliott Ruskin, Longtown.
Amsden, Edna Gray, Des Arc.	Bowman, Herbert Lloyd, Longtown.
Amsden, Macy Myra, Des Arc.	Boxx, Maude Odessa, Ellsinore.
Ancell, Myrtle Kirk, Gordonville.	Boxx, Martin Luther, Upalika.
Angle, Jesse Franklin, Blodgett.	Boyce, Amy Lee, Cape Girardeau.
Anderson, Otto Franklin, Blodgett.	Boyce, Sallie Bland, Cape Girardeau.
Arnold, James Alwright, Kennett.	Brader, Benjamin August, New Haven.
Arnoldi, Mary Anna, Flat River.	Bradley, Harold Wesley, Iliopolis, Ill.
Autrey, Mary, Doniphan.	Brand, Hilda Viola, Mexico.
Bagby, Agnes Sarah, Leslie.	Bray, Lura Eleanor, Hunter.
Baker, Katie Natalie, Campbell.	Bremner, Mary Elizabeth, Webster Groves.
Baker, Parthena Maud, Ellington.	Brent, Myra Maud, Farmington.
Baker, Madison Wayne, St. Mary's.	Brent, Nellie Mary, Farmington.
Baker, Robert Bruce, Jackson.	Brieme, Addie May, Bonne Terre.
Balch, Hildegardus Bessie, Topeka, Ill.	Brock, Raymond Calvin, Glenpool, Okla.
Barnes, Bertha Ella, Union City, Tenn.	Brooks, Inez, Alton.
Barrett, Edna May, Webster Groves.	Brooks, Halloween, Holcomb.
Barry, Rose Elizabeth, Bird's Point.	Brown, Arthur, Walhalla, S. C.
Barton, Mayme Louise, Fredericktown.	Brown, Egbert Eugene, Cape Girardeau.
Baskerville, Alta Ruth, Bloomfield.	Brucher, Mary Bryan, Cape Girardeau.
Baskin, Wisa Izella, Parma.	Brucher, George William, Cape Girardeau.
Baughan, Alsie Ree, Cape Girardeau.	Buckner, Nellie Myrtle, Fredericktown.
Becker, Harry Walter, St. Clair.	Budd, Ruth Margaret, Birch Tree.
Beckman, Caroline, Hermann.	Buhrmester, Arthur Clarence, Flat River
Bender, Lillian Ernestine, Webster Groves.	Bunnell, Bertie May, Malden.
Bennett, Helen Elsie, Bridgeton.	Bunyard, Grace Irene, Mill Spring.
Berry, Audrey Elva, Cape Girardeau.	Buren, Ella Lelia, Hematite.
Biehle, Henry Maurice, Biehle.	Burge, Floyd, Puxico.
Bingenheimer, Rose Louise, Jackson.	Burton, Marvin Larkin, Cape Girardeau.
Black, Robert Lee, Portageville.	Byrd, James Rufus, Oak Ridge.
Black, Creal, Morley.	Cable, Vida, Doniphan.

Caldwell, Gladys Pauline, Portageville.
 Caldwell, Lula Ermon, Sullivan.
 Caldwell, Leslie Elmore, Washington.
 Campbell, Anna, Potosi.
 Carnahan, Leo Leonard, Ellsinore.
 Carter, John Leroy, Ellsinore.
 Carter, William Sandow, Cuba.
 Casteel, Ida, Doniphan.
 Castleberry, Marian, Chaffee.
 Chambers, Allie Elyza, St. Louis.
 Chapman, Ruby Ethel, East Prairie.
 Chilton, Avious, Braggadocio.
 Chostner, John Hezekiah, Marble Hill.
 Christoph, Norma, Fredericktown.
 Clark, Lola Maye, Poplar Bluff.
 Clements, Daniel Wallace, Tillar, Ark.
 Cline, Blanche Louise, Cape Girardeau.
 Cline, Scott, Cape Girardeau.
 Clippard, May, Oak Ridge.
 Collins, Edna Mildred, Webster Groves.
 Collins, Cora Mabel, De Soto.
 Collins, Lenna, Rufus.
 Collins, Axtell, Low Wassie.
 Colmer, Barbara Louise, Ste. Genevieve.
 Condray, Henry Diro, Ellsinore.
 Conrad, Frances Eleanor, Alliance.
 Conrad, Edith Louise, Campbell.
 Conway, Rose Mary, Leslie.
 Conway, Catherine, Leslie.
 Cooper, Claude Fennel, Brazil.
 Cooper, William Stewart, Fredericktown.
 Cope, Emma, Poplar Bluff.
 Cope, William Byrd, Poplar Bluff.
 Copeland, Martin Luther, Fredericktown.
 Cox, Buby Cecile, Essex.
 Cox, May Sanders, Diehlstadt.
 Cox, James Welby, Mounds, Okla.
 Cox, Gordon Caruth, Diehlstadt.
 Cox, Harvy Bernard, Crosstown.
 Cozean, Frank Augustus, Elvins.
 Crank, Jessie Dudley, Malden.
 Crawford, Cora, Bernie.
 Crutchfield, Cecil Nation, Bernie.
 Daugherty, Mary Elizabeth, Richwoods.
 Davidson, Sarah Anne, Essex.
 Davis, Flossie Myrtle, Ellsinore.
 Davis, Mattie Ida, Fredericktown.
 Davis, Sarah, Clubb.
 Davis, George, Hornersville.
 Davis, John Milus, Piedmont.
 Davis, Roland Leslie, Portageville.
 Davis, Oscar Benjamin, Dexter.
 Day, Grace Opal, Advance.

Day, Verna, Cape Girardeau.
 Dearmont, Julian Scott, Cape Girardeau.
 Dearmont, Nelson Strother, Cape Girardeau.
 Deason, Myrtle Ida, Bloomfield.
 Declue, Lillian, Richwoods.
 Deneke, Wesley Albert, Jackson.
 Depew, Etha, Ironton.
 Depew, Mrs. Nellie Edith, Graniteville.
 Dierssen, Freda, Cape Girardeau.
 Difani, Mary Irene, St. Mary's.
 Dildine, William, Ellsinore.
 Dinkins, Bess, Desloge.
 Dixon, Effie Ellen, Fletcher.
 Doggett, Gertrude May, Patton.
 Doggett, Elizabeth, Zalma.
 Dolle, Ruth Lizette, Sedgewickville.
 Donaldson, Madge, Kennett.
 Dooley, Arnold, Stoutsville.
 Dorrenbach, Hilda Gertrude, Nielsville, Wis.
 Dotson, James Otis, Alton.
 Douglass, Mary Elizabeth, Piggott, Ark.
 Downs, Lucy, Doe Run.
 Drace, Raymond Meredith, Kennett.
 Drace, Claude Garrison, Kennett.
 Drusch, Clara Lydia, Cape Girardeau.
 Duncan, Ella May, Malden.
 Dunn, Stella Luella, Buchanan.
 Dunn, Zelma Ethel, Bloomfield.
 Dunn, Marvin Eldon, Bloomfield.
 Eaton, Bethel Marie, Desloge.
 Edmondston, William Bryan, Hornersville.
 Edwards, Mancia Cora, East Prairie.
 Edwards, Clara Adila, St. Louis.
 Edwards, Rachel Rowena, Townley.
 Elayer, Mary Espley, Patterson.
 Ellis, Marian Harriet, Cape Girardeau.
 Ellis, Veda Martha, Cape Girardeau.
 Enright, Helen Mary, Eureka.
 Evitts, Charles Walter, Marston.
 Ferguson, Mary Jane, Malden.
 Ferguson, Maude Jean, Fredericktown.
 Ferree, Ethel Bell, Marco.
 Ferris, Ralph Jacob, Oak Hill.
 Fields, Flossie, Cape Girardeau.
 Fingre, Hedwig Libert, Seventy-Six.
 Finley, Gladys Eva, Benton.
 Finley, Mary Ertie, Benton.
 Fischer, Harry Frederick, Gerald.
 Fisher, Mary, Kennett.
 Fisher, Hilda Rebecca, Cape Girardeau.
 Fisher, Florence May, Malden.
 Fletcher, Blanche, East Prairie.

- Flynn, Maude, Richwoods.
 Ford, Mary Louise, Chicago, Ill.
 Foster, Elmer Ellsworth, Illiopolis, Ill.
 Fox, Frances Esther, St. Louis.
 Francis, David Robert, Lutesville.
 Franklin, Lillie May, Fort Madison,
 Iowa.
 Franklin, Rosetta, Fort Madison, Iowa.
 Frederick, Flora, Shook.
 Frie, Cordelia, Senath.
 Freiburger, Charles William, Union.
 Frissell, Gusta Emma, Oak Ridge.
 Frissell, Kate, Oak Ridge.
 Fuerth, Marie Antoinette, Cape Girar-
 ardeau.
 Fuhlhage, Alice, St. Louis.
 Futrell, Pearl Juanita, Oak Ridge.
 Gaertner, Charles Edward, Morrison.
 Gamble, Myrtle, Herculanum.
 Gangel, May Adis, Cape Girardeau.
 Garrison, Elizabeth Fern, Tulsa, Okla.
 Gaston, Renee Frances, St. Louis.
 Geatley, John Columbus, Catawissa.
 Gee, Lura, Parma.
 Gill, Cora Frances, Piedmont.
 Gladish, Silas, Lutesville.
 Gloriod, Ethel Marie, Richwoods.
 Glover, Mary Shirley, Farmington.
 Goodson, Agnes, Oak Ridge.
 Gordon, Agnes Belle, Bennett.
 Graham, Della, Biggers, Ark.
 Gravatt, Elias Wesley, Cook Station.
 Green, Anice Pearl, Cape Girardeau.
 Green, Mattie Lucille, Desloge.
 Green, Harley Bolden, Marquand.
 Greene, Ada Irene, Cape Girardeau.
 Griffith, Bessie May, Hillsboro.
 Grimsley, Loren Benjamin, Lafin.
 Grinstead, Nola May, Braggadocio.
 Groff, Emma Olivia, Clayton.
 Gruner, Alice Esther, Farmington.
 Gruner, Cynthia, Doe Run.
 Guard, Anna Nowlin, Poplar Bluff.
 Hale, Hettie Juanita, Caruthersville.
 Hall, Althea May, Campbell.
 Hall, Kittie, Kennett.
 Halley, Mary Belle, Jackson.
 Halstead, Elizabeth Maudaline,
 Blodgett.
 Haman, Edna, Cape Girardeau.
 Handlan, Mathilda Grace, Wellston.
 Handshy, Ruby Mahala, Edwardsville,
 Ill.
 Hanson, George Willard, Ironton.
 Harnes, Alvin Russell, Cape Girardeau.
 Harper, Elsie, East Prairie.
 Harper, Ruth Elizabeth, Dexter.
 Harper, Myrtle, Campbell.
 Harris, Anna May, Advance.
 Harris, William Calvin, Advance.
 Harrison, Elaine Ophelia, Pine Bluff,
 Ark.
 Harrison, Blanche, Richmond.
 Harrison, Mayme, Redford.
 Hasslinger, Freda, Cape Girardeau.
 Hawk, Thelma Catherine, Idalia.
 Hawkins, Effie Inez, Portageville.
 Hahn, Nora, Lutesville.
 Hay, Rowena, Sikeston.
 Hay, Susie Elizabeth, Sikeston.
 Hayden, Mrs. Clara Rider, Cape Girar-
 ardeau.
 Haynes, Charles Paden, Poplar Bluff.
 Hedley, Harry, Davisville.
 Heidorn, Anna Woodward, Kirkwood.
 Heitman, Sarah Louiza, Yount.
 Helm, Claude Charles, Elmont.
 Hempstead, Mary Russell, Cape Girar-
 ardeau.
 Hempstead, Fay Russell, Cape Girardeau.
 Henson, John Marion, Shreveport, La.
 Henson, George Thurman, Frederick-
 town.
 Hicklin, Elmer, Cardwell.
 Higgenbotham, Melzo Malcom, Vine-
 land.
 Hill, Stella, Oxly.
 Hindman, Eunice Irene, Cape Girardeau.
 Hoff, Herbert Henry, McBride.
 Holt, Allie, Puxico.
 Hopkins, Melven, Cape Girardeau.
 Hosea, Walter Solomon, Greenbriar.
 Houston, Effie Grace, Irondale.
 Howard, Avis Glascow, Oak Ridge.
 Howell, Frances Beatrice, Oran.
 Hoy, Louis Benjamin, Blodgett.
 Hubbard, Leslie Lee, Dexter.
 Hubbard, Henry Ross, Dexter.
 Hudler, Viedel, St. Louis.
 Huebner, William Frederick, Owensville.
 Huff, Maude Zella, Kerrigan.
 Huff, Stella Alyce, Millersville.
 Huff, John Franklin, Mill Spring.
 Hughes, Goldie, Malden.
 Humphrey, Jake Dean, Irondale.
 Hutchens, Lee Fisher, Belgrade.
 Hutton, Lucille Frances, Cape Girardeau.
 Hutson, Jessie Leota, Cape Girardeau.
 Hyatt, Lelia Maye, New Haven.
 Hyslop, Henry Cleveland, Dexter.

- Iahn, Florence Mabel, Desloge.
 Ivy, John Smith, Cape Girardeau.
 Jackson, Alma, Charleston.
 Jackson, Nettie Ola, Jackson.
 Jackson, Harry Fowler, Desloge.
 Jackson, Jesse Bluford, Des Arc.
 Jacobs, Elvina Emma, New Haven.
 Janis, Odile Mary, Ste. Genevieve.
 January, Minnie Viola, Centerville.
 Joggerst, Augusta Martine, River Aux
 Vases.
 Joggerst, Elvina Helena, River Aux
 Vases.
 Johnson, Ella May, Piedmont.
 Johnson, Grace Pearl, Lesterville.
 Johnson, Etta Hazel, Alliance.
 Johnson, Mary Myrtle, Alliance.
 Johnson, Lula May, Bloomfield.
 Johnson, Avery Monroe, Stickney.
 Johnson, William Herman, Hayti.
 Johnson, Gilbert, Brunot.
 Johnston, Jennie, Pocaahontas, Ark.
 Jones, Maude Adele, Cape Girardeau.
 Jones, Bessie Estelle, Cape Girardeau.
 Jones, Alice Josephine, Essex.
 Jordan, Eugenia, Charleston.
 Joyce, Beatrice Isabel, Cape Girardeau.
 Joyce, Thomas E., Cape Girardeau.
 Juden, Claire Lee, Cape Girardeau.
 Kane, Della, Oxly.
 Keener, William Jennings Bryan,
 Poplar Bluff.
 Keith, Mildred Vivian, Libertyville.
 Kelly, Anna Kanatzar, Mexico.
 Kerth, Edna Helena, St. Louis.
 Killough, Miriam, Perryville.
 Kinder, Minnie Alice, Buchanan.
 King, Ada, Cape Girardeau.
 King, Evelyn Floe, Matthews.
 King, Pansy Virginia, Cape Girardeau.
 Kinkead, Maud Audrey, Kirkwood.
 Kipping, Theodore Frederick, Cape
 Girardeau.
 Kirby, Jessie Gertrude, Aid.
 Kirk, Lora, Puxico.
 Kirkpatrick, Mary Ethel, Richmond.
 Kirn, Frank Lewis, Perryville.
 Klobe, George Washington, Crosstown.
 Knott, George Benedict, Cape Girardeau.
 Koch, Ottilia, Cape Girardeau.
 Koch, Louise Ernestine, Swiss.
 Kochtitzky, Edna Leigh, Cape Girardeau
 Kollmeyer, Lourine, Farmington.
 Kreuger, Emma Agnes, Cape Girardeau
 Lahmeyer, John A., Bland.
 Lane, Roberta, Cape Girardeau.
 Lane, Bryan Johnson, Cape Girardeau.
 LaPierre, Mary Crosby, Jackson.
 Lauman, Laura Arabella, St. Louis.
 Lawrence, Harryvan, Doniphan.
 Lawson, William, Henry.
 Lear, Ethel Adeline, Kirkwood.
 Leeper, Bessie Baker, Greenville.
 Lee, Bertha Pearl, Poynor.
 Leming, William Ernest, Cape Girardeau
 Leslie, Ruby Aldah, Millersville.
 Lewis, Mona Isabelle, Sabula.
 Lewis, Permelia Emeline, Annapolis.
 Liddell, John Walter, Holcomb.
 Liebig, Catherine Agnes, Allenton.
 Liebig, Mary Pauline, Allenton.
 Long, Myrtle May, Bonne Terre.
 Looney, Anna Edna, Cape Girardeau.
 McAnally, Thomas Jefferson, Kennett.
 McCain, Bessie Blanche, Cape Girardeau.
 McCain, Lillias Marie, Cape Girardeau.
 McCann, Mary Floy, St. Louis.
 McCann, Carrie Elizabeth, St. Louis.
 McCans, Grace, Marble Hill.
 McComb, Elisha Edward, Cardwell.
 McCord, Jessie Belle, St. Louis.
 McCrady, Ella E., Webster Groves.
 McCullough, Mamie Frances, Alton.
 McCullough, Donard Ralph, Alton.
 McCutchen, Lee, Campbell.
 McDowell, Mary Magdalene, Esther.
 McElreath, William, Drum.
 McElyea, Adele, Campbell.
 McFarland, Mrs. Julia R., Bismarck.
 McGee, Oscar Ezra, Webster Groves.
 McKee, Jennie Rowena, Cape Girardeau.
 McKenzie, Elizabeth, Farmington.
 McKnight, Flossie Myrtle, Chaffee.
 McLain, Grace William, Jackson.
 McLain, Alma Ree, Jackson.
 McMahon, Myra Olivia, Leeper.
 McMin, Edna May, High Gate.
 McNabb, Ella Morse, Gatewood.
 McNabb, Letha Anna, Gatewood.
 McNeely, Elsa, Jackson.
 McNeely, Bessie, Jackson.
 McPhee, Midia, Bartlett.
 McPherson, Charles Robert, Bonne
 Terre.
 Mabury, Nellie, Piedmont.
 Magee, Ruth Violet, Bloomfield.
 Magill, Minnie D., Richmond.
 Mahn, Mildren Philippine, Bonne Terre.
 Mainard, Amanda Louisa, East Prairie
 Mann, Sarah Leslie, Piedmont.

- Marlin, Clemma, Naylor.
 Marshall, Lela Ruth, Bonne Terre.
 Marshall, Dora, Cape Girardeau.
 Massie, Rhuda May, Fremont.
 Masterson, Lucy, Cape Girardeau.
 Masterson, Hazel Lee, Morehouse.
 Masterson, Juanita, Morehouse.
 Martin, Elmo Simrel, Doniphan.
 Mattingly, Laura, Charleston.
 Mattingly, Roxie Jane, Charleston.
 Mauzy, Virginia Anne, Ironton.
 Mavity, Josephine Patton, Bloomington, Ill.
 May, Tessie Lee, Campbell.
 May, Elsie Lee, Desloge.
 Meade, Edward Everett, Graniteville, Ill.
 Meier, Clara, Jackson.
 Merritt, Chester Arthur, Malvern, Ark.
 Meyer, May Mary, Hillsboro.
 Middleton, Veda Malissa, Senath.
 Miller, Eunice May, Aid.
 Miller, Iva Beatrice, Aid.
 Miller, Frankie, Aid.
 Miller, Oden Ray, Aid.
 Miller, Dollie May, Steele.
 Miller, Lena, Dexter.
 Miller, Nettie Lillian, Cape Girardeau.
 Miller, Erban Burette, Cape Girardeau.
 Miller, Charles Boyd, Advance.
 Miller, Delia Ethel, Knoxall.
 Miller, Claude Wilborn, Jackson.
 Milster, Grace Georgia, Menfro.
 Mitchell, Hettie, Portageville.
 Mitchell, Edyth Alma, Flat River.
 Monroe, Mayme Agnes, Desloge.
 Moore, Lora, Bloomfield.
 Moore, Bess, Festus.
 Moore, Ila Zettie, Bennett.
 Moore, Mittie Arlene, Bennett.
 Moore, Nettye, Doniphan.
 Moore, Fred Vail, Festus.
 Moore, Clarence Lee, Cape Girardeau.
 Moore, Elmer Eugene, Perryville.
 Moore, Gip Stephens, Speed.
 Moore, Joseph Rockefeller, Chaffee.
 Moranville, Benedict August, St. Mary's.
 Morgan, Nola Autrey, East Prairie.
 Morgan, Ruby May, East Prairie.
 Morgan, Ada Miller, Marble Hill.
 Morrill, Helen May, Pacific.
 Morris, Virginia Adelaide, Malden.
 Morris, William Wesley, Van Buren.
 Morrison, Cora Lee, Schalls.
 Morrison, Arthur Francis, Schalls.
 Morton, Grace Elsie, Leemon.
 Morton, Ruby Myrtle, Leemon.
 Moyer, Robert McCoy, Bessville.
 Muir, Irene, Pacific.
 Mulcahy, Daniel Matthew, Lanesville, Ill.
 Muchison, Vernetta Love, Sikeston.
 Murphy, William Allen, Bem.
 Murphy, Marie Elizabeth, Alton.
 Murphy, Elza, Bem.
 Murphy, Mabelle, Poplar Bluff.
 Murray, Hettie, Perryville.
 Murrill, Helen Courtney, Farmington.
 Myers, Edward Charles, Cuba.
 Naugle, Arthur Milton, Steelville.
 Neal, Harry Lee, Cape Girardeau.
 Noce, Tony Wilson, Cape Girardeau.
 Nolte, Ruth Roberta, Ferguson.
 Norman, Sarah Elizabeth, Doniphan.
 Norvell, Grace Rebecca, Cape Girardeau.
 Norvell, Paul Caston, Cape Girardeau.
 Oberle, Ottillia, River Aux Vases.
 O'Brien, Anna Frances, Mexico.
 O'Brien, Elizabeth, Mexico.
 Ochsner, Alma Louise, Hermann.
 Oesch, Ernest Herman, Wilderness.
 O'Heeron, Constance, Bloomfield.
 Oliver, Helen, Neely's Landing.
 Opitz, George Wallace, Owensville.
 Orton, Bessie Salene, Caruthersville.
 Orton, Emily Virginia, Caruthersville.
 Osterman, Lilly M., St. Louis.
 Owens, Waldo Owen, Leslie.
 Owens, Cyrus Christ, Leslie.
 Ozark, Lilly May, Eureka.
 Ozorio, Auta, Farmington.
 Partney, Mabel Grace, Hillsboro.
 Paulus, Stella, Coldwater.
 Payne, Ida, Webster Groves.
 Pennington, Maud S., Harviell.
 Pentecost, Eva Grace, Advance.
 Perry, Marietta Sybil, River Mines.
 Peters, Clara Anna, Glen Allen.
 Pharris, Edith Mildred, LaForge.
 Pierce, Lulu May, Hillsboro.
 Pickens, Erma Viola, Cape Girardeau.
 Pickens, Mary Elizabeth, Cape Girardeau.
 Pikey, Grace, Conran.
 Pippins, William Frederick, Bernie.
 Poeppelmayer, Ernest August, Gerald.
 Ponder, Addie Elizabeth, Bertrand.
 Ponder, Anna Gertrude, Bertrand.
 Pool, Minnie, Kennett.
 Porter, Millie Edna, Elvins.
 Porterfield, Tilmon, Bonne Terre.
 Pratt, Effie May, Sikeston.
 Presson, Willie Lanford, Bertrand.

- Proffer, Norman Buell, Whitewater.
 Propst, Kergie Victaw, Steele.
 Prost, Edward, Perryville.
 Province, Florence Charlotte, Irondale.
 Puls, Mrs. Oliver, Jackson.
 Punch, Bessie Viola, Menfro.
 Purves, Janette Hunter, Wellston.
 Qualls, Blanche, Dudley.
 Randel, Bertha Maud, Bennett.
 Randolph, Myrtle, Desloge.
 Randolph, Cyrus Houston, Pine.
 Ratherd, Charlotte, Kirkwood.
 Ratley, Henrietta, Doe Run.
 Raulston, Mary Julia, Poplar Bluff.
 Reaves, Samuel Curtis, Cape Girardeau.
 Reddick, Joseph Gabriel, Perryville.
 Reed, Catherine Rena, Victor.
 Reed, Maude Jane, Advance.
 Reed, Aquilla Simpson, Advance.
 Reed, Oral Fletcher, Advance.
 Reese, Oscar Norwin, Coldwater.
 Reese, Marvin, Coldwater.
 Reid, Hester Elizabeth, Plattin.
 Riley, Elizabeth Irene, St. Louis.
 Reisenbichler, Rose Esther, Cape Girardeau.
 Renfrow, Louis Huber, St. Louis.
 Rennick, Glen Allen, Rosebud.
 Revelle, Walter Edward, Marble Hill.
 Richards, James A., Marble Hill.
 Richey, Della Lee, Fredericktown.
 Rider, Amzi Leech, Cape Girardeau.
 Rider, Elsie Lee, Farmington.
 Ridgeley, Lynlee May, Centaur.
 Riehn, Charles Gilbert, Oak Ridge.
 Rieman, Maude Leslie, Millerville.
 Riggs, Chloe, Kennett.
 Riggs, Ralph, Kennett.
 Riley, Edna, New Madrid.
 Rodgers, Edmond Leslie, Farmington.
 Roberts, Mary Edith, Cape Girardeau.
 Roberts, Edward Reese, Cape Girardeau.
 Robertson, Wilma Ella, Senath.
 Robbins, Rita, Marble Hill.
 Rogers, Hermas Jesse, Fairdealing.
 Rone, George W., Portageville.
 Roseman, Esther Catherine, St. Mary's.
 Rosenstengle, Harry Frederick, Doe Run.
 Ruble, Anne Pauline, Fornfelt.
 Ruff, Jean Helm, Cape Girardeau.
 Sachse, Theodore Julius, Jackson.
 Saffold, Effie Adele, Greenville, Texas.
 Samuel, Ethel Cora, Oak Ridge.
 Satterfield, Mattie Catherine, High Gate.
 Satterfield, Charles David, High Gate.
 Sayler, Walter Benton, Carthage.
 Schafer, Bertha, Festus.
 Schlueter, Lena Elizabeth, Appleton.
 Schmidt, Julius Rudolph Charles, Daisy.
 Scott, Charles, Charleston.
 Schwade, Mattie Cecilia, Webster Groves.
 Seabaugh, Myrtle Mary, Sedgewickville.
 Seabaugh, Grace Ethel, Sedgewickville.
 Seabaugh, Nora Didamma, Daisy.
 Seal, Lora, Piedmont.
 Sebastian, Joseph Whitley, Bounds.
 Settle, Agnes Lucille, St. Louis.
 Sewell, William Rice, Fairdealing.
 Sexton, John Franklin, Bertrand.
 Sharp, Samuel Warden, Steele.
 Shell, Lela May, Charleston.
 Shelton, Florence Temple, New Haven.
 Sherwood, Pansy Janet, Dexter.
 Short, James Allen, Senath.
 Shrum, Jennie, Kennett.
 Sievers, Irmgard, Olivette.
 Signer, Gilbert Walter, Arcadia.
 Simpson, Elvis Earl, Dexter.
 Simms, Maude Pauline, Clarkton.
 Skiles, Estelle, Ruble.
 Slack, Mabel, Charleston.
 Smith, Mrs. Carrie Elizabeth, Bloomfield.
 Smith, Eliza Elvina, Etlah.
 Smith, Ione Evelyn, Sikeston.
 Smith, June C., Festus.
 Smith, Effie, Sikeston.
 Smith, Florence Grace, Licking.
 Smith, John Turner, Cadet.
 Smith, Mrs. John Turner, Cadet.
 Smith, Maud Ethel, Hendrickson.
 Smith, Shelby Owen, Cape Girardeau.
 Smith, John William, Vilean.
 Smithson, Margaret Lucille, Dexter.
 Snider, Jennie May, Campbell.
 Snider, Vandelia, Campbell.
 Stark, Effie Corneel, Asherville.
 Statler, Maude Ethel, Daisy.
 Stecker, Edith Delphine, Clayton.
 Steiner, Alma Helen, Doe Run.
 Steinmetz, Gertrude Catherine, St. Louis.
 Stephens, Teresa Harvey, St. Louis.
 Sternberg, Esther Lillian, Jackson.
 Stevenson, Arthur Lang, New Wells.
 Stilts, Joseph Fred, Arab.
 Stivers, Lottie R., Steele.
 Stone, Eva Johnston, Dexter.
 Straughan, Luella, Desloge.
 Strauser, Elsie Mary, Pea Ridge.
 Strayhorn, Mary Eugenia Ruth, Flat River.
 Strayhorn, Lena Ethel, Flat River.

- Stricklin, George Washington, Piedmont
 Suedekum, Edna Rozine, Dutchtown.
 Suenkel, August Benjamin, Drake.
 Swan, Earl Monroe, Cape Girardeau.
 Swann, Carrie Blanche, Jackson.
 Talbert, Ruth Alice, Webster Groves.
 Tallent, Geraldine, Cape Girardeau.
 Tarlton, Mrs. Mattie Lee, Cape Girardeau.
 Taylor, Ethel Naomi, Centerville.
 Teer, Nellie Bly, Aid.
 Tetley, Roberta Haden, Farmington.
 Thaxton, Dona, Doniphan.
 Thaxton, Nella Bly, Doniphan.
 Thiesen, Julia Mary, Herculaneum.
 Thiemeyer, Lawrence Alexander, St. Louis.
 Thomasson, Samuel DeWitt, Hornersville.
 Thompson, Gladys Mary, Cape Girardeau
 Thompson, Alma Geraldine, Charleston.
 Thornburg, Roy Earl, Greenville.
 Thurman, Ethel Irma, Desloge.
 Thurman, Bertle Edith, Farmington.
 Town, Ruth, Cape Girardeau.
 Trickey, Arthur Gilbert, Jackson.
 Trotter, Lillian, Cape Girardeau.
 Troutt, Lora, Kennett.
 Tucker, Harry Edgar, Dexter.
 Turley, Carlisle Payton, Fremont.
 Umbeck, Ella Ida, Cape Girardeau.
 Underwood, Mrs. Maud S., Bonne Terre.
 Utnage, Joseph Ray, Vanduser.
 Van Amburg, Albert Lee, Lutesville.
 Vaughan, John Richard, Bernie.
 Vaughan, Charles Emmett, Owensville.
 Vaughn, Blanche Lucy, Festus.
 Vaughn, Esther Adaline, Festus.
 Vaughn, Ethel Evelyn, Festus.
 Vaught, Lucy Jane, Dexter.
 Walker, Carrie Ann., Bloomfield.
 Walker, George Kenneth, Cuba.
 Wallace, Effie Maudine, Williamsville.
 Wallis, Permelia, Millersville.
 Wallis, Maud Octavene, Schrum.
 Wallis, Myrtle Irene, Marquand.
 Wallis, Charles James, Marquand.
 Walter, Mary Beatrice, Cuba.
 Waltrip, Nell Victoria, Clarkton.
 Ward, Orpha, Poplar Bluff.
 Ware, Nellie Golden, Fredericktown.
 Waring, Virginia DeRieux, Flat River.
 Warmack, Roy Lee, Ruble.
 Wathen, Fanny Russell, St. Louis.
 Watson, Alice Ruth, Flat River.
 Weier, Martha Bertha, De Soto.
 Welborn, Verna Ella, Cape Girardeau.
 Welker, Ira Edmund, Libertyville.
 Welker, Mrs. May, Libertyville.
 Wengler, Cora Lee, Clayton.
 Wentzel, Louis Robert, Owensville.
 West, Martha, Kennett.
 Wetzel, Eunice Mildred, Clayton.
 Whalen, Mrs. Daisy Mann, Poplar Bluff.
 Whitener, Otto Lafayette, Arab.
 Whitwell, Velma, Bennett.
 Wibbenmeyer, Theodore Albert, Cape Girardeau.
 Wiethop, Martha Margaret, Jefferson Barracks.
 Wild, James Edward, Hermann.
 Wilde, Ada, Advance.
 Wiley, Mrs. Lulu, St. Clair.
 Wiley, Arthur, St. Clair.
 Wilkey, Lola, Idalia.
 Willer, Virginia Emma, Cape Girardeau.
 Williams, Hazel Marie, Oak Ridge.
 Williams, Kathleen Fore, Marked Tree, Ark.
 Williams, William Marion, Cardwell.
 Williamson, Robert Foster, Puxico.
 Wilson, Ann Agnes, Cape Girardeau.
 Wilson, Grace, Leadwood.
 Wilson, Lloyd Glenwood, Alton.
 Wohlschlager, Hilda Margaretta, Webster Groves.
 Wolgast, Florentine, Valley Park.
 Woodard, Melrose Juanita, Pine Lawn.
 Worley, Mrs. Clara Elizabeth, Taft.
 Wolf, Gertrude Sophie, Bonne Terre.
 Yates, Margaret Mildred, Louisiana.
 Young, Janet Viola, Portageville.
 Zimmerman, Clarissa Elizabeth, Cape Girardeau.
 Ziegler, Blanche Cecilia, Ste. Genevieve.
 Zoellner, Erwin Arthur, Biehle.

STUDENTS ENROLLED FOR REGULAR SESSION, 1914-1915.

- Abbott, Thomas Augustus, Cape Girardeau.
 Abernathy, Hallie Luella, Menfro.
 Abernathy, Corinne Isabel, Jackson.
 Adams, Virginia Lee, Portageville.
 Akins, Rhoda Frances, Kinsey.
 Akins, Nancy Malissa, Kinsey.
 Allison, Gordon Glenn, Cape Girardeau.

- Allison, Mamie Byrd, Commerce.
Alsup, William James, Broseley.
Anderson, William Ralph, Gideon.
Anderson, Arthur Franklin, Dexter.
Anderson, Lillian May, Jackson.
Anderson, Mamie Ruth, Fredericktown.
Andrews, Susie Settle, Bonne Terre.
Apprill, Herbert, Hermann.
Armentrout, Guy Eugene, Cape Girardeau.
Ashburn, Rebecca Doss, Farmington.
Ashburn, Ruth Paca, Farmington.
Aslin, Elma Ada, Bloomfield.
Aslin, Myrtle Ann, Bloomfield.
Baird, Martin Joseph, Clarkton.
Baker, Lenore, Cape Girardeau.
Baker, Robert Bruce, Jackson.
Baker, William Arthur, Ellington.
Banta, Mary Irene, Berryman.
Barber, Carroll Joseph, Brazeau.
Barber, Mark Richard, Brazeau.
Barks, Ellen, Sedgewickville.
Barks, William, Hilderbrand.
Barnett, Raymond Elwood, Piedmont.
Barthel, Emma Louise, St. Louis.
Baskin, Hugh G., Parma.
Bast, Ben, Cape Girardeau.
Belchamber, Lula, Glen Allen.
Bechler, Lettie Lee, Hematite.
Bell, Cephas Marlin, Alton.
Bennie, Nellie Mae, Naylor.
Bergmann, Louise Eleanor, Cape Girardeau.
Berkbigler, Lena Nellie, Hilderbrand.
Berry, Mrs. Anna B., Fredericktown.
Berry, Audrey Elva, Cape Girardeau.
Biehle, Maurus Henry, Biehle.
Bingenheimer, Robert Otto, Jackson.
Bingenheimer, Albert Benjamin, Jackson.
Bittick, Maude, Kinsey.
Black, Perle, Morley.
Black, James Moses, Portageville.
Black, Robert Lee, Portageville.
Blakeney, Charity, Campbell.
Blankenship, Berenice May, Senath.
Blattner, Albert William, Cape Girardeau.
Bleiker, Ross Franklin, Hillsboro.
Blomeyer, Verena, Farmington.
Bloom, Grace Estelle, Ste. Genevieve.
Bockenkamp, Georgiana, Kinsey.
Bogard, Maude May, Monroe, Ark.
Bollinger, Flora, Jackson.
Bollinger, Grace, Advance.
Bone, James Guy, Bismarck.
Booth, Charles W., Hillsboro.
Booth, Zoe, Hillsboro.
Boquette, Irene Daphne, Webster Groves.
Bowman, Elliott Ruskin, Longtown.
Boxx, Maude Odessa, Ellsinore.
Boxx, Martin Luther, Upalika.
Boyce, Sally Blande, Cape Girardeau.
Brackmann, Roscoe League, Eureka.
Brinkopf, Henry A., Cape Girardeau.
Bristol, Margaret Leona, Campbell.
Bristol, Elizabeth Dixon, Campbell.
Bristol, Mary Lucretia, Campbell.
Brown, Mary Hunter, Charleston.
Brown, Mrs. Emma, Jefferson Barracks.
Brown, Harry Edward, Cape Girardeau.
Brucher, Mary Bryan, Cape Girardeau.
Bryant, Holmes Byron, Hayti.
Bryant, Freda, Hayti.
Buckner, Lorene Fern, Dudley.
Bunnell, Bertie May, Malden.
Burroughs, Laura Anna, Poplar Bluff.
Burton, Marvin Larkin, Cape Girardeau.
Byrd, James Rufus, Oak Ridge.
Cairns, Phyllis Mildred, Cape Girardeau.
Caldwell, Ernest Jesse, Oak Ridge.
Campbell, Gabriella Feurt, Cape Girardeau.
Capps, Elsie Ada, Bloomfield.
Capshaw, Berton Lawson, Clarkton.
Carnochan, Ethel Grace, Poplar Bluff.
Carnett, Frank William, Jackson.
Carrico, Agnes Brown, Florissant.
Carter, Hattie Estelle, Ellsinore.
Carter, Franklin Charles, Cuba.
Carter, John LeRoy, Ellsinore.
Carter, William Sandow, Cuba.
Cashion, Ruth Etta, Libertyville.
Cattron, Cora, Winona.
Cattron, Ruth, Taskee.
Cawthon, Nellie Arlene, Advance.
Chambers, Allie E., St. Louis.
Champion, Fay Harding, Cape Girardeau.
Champion, Lola May, Cape Girardeau.
Chance, Ernest Bernard, Brosley.
Chapline, Beulah Zelma, Poplar Bluff.
Chilton, Avis, Caruthersville.
Chilton, Zimri, Van Buren.
Cline, Blanche Louise, Cape Girardeau.
Cline, Scott, Cape Girardeau.
Clippard, Ella, Leopold.
Clippard, May, Oak Ridge.
Clow, Mabel, Salem.
Coats, Byron E., Cabool.

- Cobb, Vivien Ethel, Cape Girardeau.
 Cobble, Earl Walter, Jackson.
 Coffey, Flossie, Cape Girardeau.
 Cole, Ernest Ray, Bloomfield.
 Coleman, Mrs. Ethel, Clarkton.
 Collins, Cora Mabel, De Soto.
 Collins, Granville Eugene, Dongola.
 Collins, Otis, Low Wassie.
 Collins, Edna Mildred, Webster Groves.
 Comer, Lucille Rhodes, Cape Girardeau.
 Condray, Henry Diro, Ellsinore.
 Conley, Esther Frances, Robertsville.
 Connelly, Grace, Jonesboro, Ark.
 Conrad, Rhoda Juanita, Marble Hill.
 Conrad, Rudolph Rhadamanthus, Marble Hill.
 Conway, John Ignatius, Leslie.
 Conway, Rose Mary, Leslie.
 Cooper, Claude Fennel, Brazil.
 Copeland, Erna, Ellington.
 Copelin, Grace Anna, Fredericktown.
 Copman, Agatha Elizabeth, Mexico.
 Copman, Grace Blossom, Mexico.
 Cory, Laura Keene, Cape Girardeau.
 Cotner, John Bee, Cape Girardeau.
 Coulter, Joseph Hill, Ferguson.
 Cox, Ruby Cecile, Essex.
 Cox, Thomas I., Allenville.
 Cox, Harvey Bernard, Crosstown.
 Cracraft, Grace Belle, Jackson.
 Cracraft, Sherman, Jackson.
 Criddle, William Edward, Steele.
 Crites, Henry Andrew, Dongola.
 Cross, Lula Marie, Poplar Bluff.
 Crowder, Thomas Elton, Cuba.
 Cunningham, Leona May, Cape Girardeau.
 Cunningham, Samuel Davis, Cape Girardeau.
 Daffron, Virginia Ann, Greenville.
 Dahl, Flora Dena, Berger.
 Dale, Jennie Anna, Florissant.
 Dale, John Robert, Florissant.
 Dalton, Hattie Isobell, Campbell.
 Daniel, Nina Marie, Greenville.
 Daugherty, Grace Alene, Egypt Mills.
 Davenport, Ivah Geneva, Sikeston.
 Davidson, Earl Walter, Greenville.
 Davis, Andrew Paul, Owensville.
 Davis, Caleb Livingston, Braggadocio.
 Davis, George, Braggadocio.
 Day, Ina, Dexter.
 Deal, Harmon Bridwell, Cape Girardeau.
 Deal, Russell Riley, Cape Girardeau.
 Dearmont, Nelson Strother, Cape Girardeau.
 Deason, Myrtle, Bloomfield.
 DeLassus, Blanche Winona, Crosstown.
 Deneke, Arthur Franklin, Jackson.
 Deneke, Wesley A., Jackson.
 Denny, Lulu, Bloomfield.
 Denton, Lela Augusta, East Prairie.
 Difani, Lulu Matilda, Perryville.
 Difani, Ulva Claire, Perryville.
 Dildine, William, Ellsinore.
 Ditch, Vallee Vestal, Kinsey.
 Donnelly, Emma Rose, Cape Girardeau.
 Dorrenbach, Helen Margaret, Neillsville, Wis.
 Dotson, James Otis, Alton.
 Douglass, Mary Elizabeth, Piggott, Ark.
 Downs, Napoleon Bonaparte, Roselle.
 Driskill, Mellie, Oran.
 Duckworth, Ramona Louise, Cape Girardeau.
 Dunmire, Ruby, Kennett.
 Dunmire, Marian Irene, Kennett.
 Dunn, Stella Luella, Buchanan.
 Dunn, Christine Myrtle, Marble Hill.
 Dunn, Marvin Eldwyn, Bloomfield.
 Duvall, Hubert Cullen, St. Mary's.
 Ealy, Mildred Spencer, Cape Girardeau.
 Easterly, Owen, Grand Tower, Ill.
 Edmonston, Bryan, Hornersville.
 Eddins, Omer Boyd, Knox City.
 Edwards, Rachel Rowena, Townley.
 Elder, Nelle, Caruthersville.
 Elders, Mayme June, Hematite.
 Eley, Ruth Cleve, Holland.
 Ellis, Marian Harriet, Cape Girardeau.
 Evans, Grace Riddle, St. Louis.
 Evans, Lurena Emma, Oak Ridge.
 Evitts, Charles Walter, Marston.
 Farrar, Lucile, Ironton.
 Farrar, Elmer John, Cape Girardeau.
 Fehringer, Eunice Ethel, Steele.
 Ferris, Ralph Jacob, Oak Hill.
 Finger, Hedwig Liberta, Seventy-Six.
 Finney, Mary Eula, Kennett.
 Finney, Paul William, Cape Girardeau.
 Fish, Richard Graham, Lithium.
 Fox, Burwell, Jr., Potosi.
 Francis, Bessie, Bonne Terre.
 Franklin, Alma Pearl, Doniphan.
 Freeman, Herbert Earl, Reynoldsville, Ill.
 Friant, Hattie Marie, Cape Girardeau.
 Frie, Cordelia Elizabeth, Senath.
 Frissell, Howard Nathaniel, Cape Girardeau.

Fuchs, Emma, Memphis, Tenn.
 Fuerth, Marie Antoinette, Cape Girardeau.
 Fulbright, Thomas Bryan, Cape Girardeau.
 Fulton, Henry A., Mayfield.
 Funk, Ernest Marvin, Annapolis.
 Gaertner Ernest William, Hermann.
 Gangel, Mae Adis, Cape Girardeau.
 Garrison, Elizabeth Fern, Cape Girardeau.
 Garver, John, Jr., Broseley.
 Gee, Lura, Parma.
 Gibbs, Edna Eugenia, Randles.
 Gibson, Myra, Steele.
 Giedinghagen, Charles Edward, Bland.
 Gilles, Clarence David, Bell City.
 Gladish, Leman Augustus, Jackson.
 Gladish, Purl Miller, Jackson.
 Gladish, Alva Marvin, Lutesville.
 Gladish, Marcus Smith, Lutesville.
 Glenn, Geraldine Albert, Cape Girardeau.
 Glenn, Ruth Deane, Cape Girardeau.
 Glenn, Jennie, Malden.
 Glenn, Sarah Emmeline, Cape Girardeau.
 Gober, Robert Lee, Vanduser.
 Gordon, Agnes Bell, Bennett.
 Gossage, Veryl, Kennett.
 Goza, Ouida Pauline, Advance.
 Goza, William Herbert, Advance.
 Graham, Maude, De Soto.
 Graham, Ruby Morris, Hayti.
 Granger, Elizabeth Miller, Jackson.
 Gray, Walter C., Hahn.
 Green, Elsa, Cape Girardeau.
 Green, George Norman, Winona.
 Greene, McKinley, Fremont.
 Grinstead, Nola Mae, Braggadocio.
 Grinstead, Bonnie, Braggadocio.
 Groff, Emma Olivia, Clayton.
 Gross, Bryan, Owensville.
 Gruner, Letha Gertrude, Bem.
 Gruner, Amy Opal, Bem.
 Hall, Althea Mae, Campbell.
 Hall, Kittie May, Kennett.
 Hamblen, Stella Everett, Mill Creek.
 Hamel, Ethel, De Soto.
 Hamon, Clay Nelson, Kennett.
 Hampton, Dollie, Bernie.
 Handshy, Ruby Mahala, Edwardsville, Ill.
 Harmon, Pearl, Cape Girardeau.
 Harnes, Alvin Russell, Cape Girardeau.

Harrawood, Mrs. Lizzie Marion, Poplar Bluff.
 Harris, Nellie Ruth, Morley.
 Harris, Roscoe Everett, Oak Ridge.
 Harris, Jared Shelton, Morley.
 Harris, Loranza, Portageville.
 Harrison, Gladys, Pine Bluff, Ark.
 Harsh, John William, Jr., Dudley.
 Hartle, Myrtle May, Kennett.
 Hartmann, Frank Joseph, St. Louis.
 Harty, John Henry, Gipsy.
 Hasslinger, Leona Frances, Cape Girardeau.
 Hasslinger, Freda, Cape Girardeau.
 Hatch, Harriet Winifred, Seventy-Six.
 Hatch, Genevieve Elizabeth, Seventy-Six.
 Haupt, Frieda Matilda, Cape Girardeau.
 Haupt, Lula Carolina, Cape Girardeau.
 Hawk, Thelma, Idalia.
 Hawkins, Ivd Rosebud, Conran.
 Heaton, Cleo Thomas, Puxico.
 Heaton, Leo Leonidas, Puxico.
 Heise, Wilson, Jr., Cape Girardeau.
 Heitman, Arthur August, Patton.
 Helmkampf, Helen Frances, Jackson.
 Hempstead, Fay Russell, Cape Girardeau.
 Henderson, Averil, Jonesboro, Ark.
 Henrich, John Albert, Farmington.
 Heseman, Alvina Caroline, Beemont.
 Hess, Mary Isabelle, Sikeston.
 Hess, Eva Elise, Sikeston.
 Hicklin, Elmer, Cardwell.
 Hicks, Raymond Richard, Yount.
 Hightower, Oliver, Knob Lick.
 Himmelberger, Katherine Marguerite, Cape Girardeau.
 Hindman, Emma Marie, Cape Girardeau.
 Hines, Helen, Neelys' Landing.
 Hines, Norma, Jackson.
 Hirsch, Oscar Christ., Cape Girardeau.
 Hoch, Bernadette Marie, Cape Girardeau.
 Hoch, Celeste Elizabeth, Cape Girardeau.
 Hodges, Glenna Estelle, Esther.
 Hoffman, Emma Louise, Cape Girardeau.
 Hoffman, Henry Theodore, Jackson.
 Hofmann, Sophia Caroline, Wellston.
 Holcombe, Ruth, Cape Girardeau.
 Holderness, Harry Huber, Bloomfield.
 Holland, Pearl, Poplar Bluff.
 Hollister, Gladys Irene, Sikeston.
 Holt, Maurice, Bourbon.
 Hooper, Benjamin Herbert, Senath.
 Hope, Mary Nelle, Jackson.

- Hopson, John Wilson, Hillsboro.
 Hopson, Grace Gertrude, De Soto.
 Hosea, Walter Solomon, Greenbrier.
 Houston, Luvina E., Irondale.
 Houston, Effie Grace, Irondale.
 Houston, John William, Irondale.
 Howard, George Walker, Jackson.
 Howard, William Sherman, Shawnee-
 town.
 Howard, Robert Lorenzo, Jackson.
 Hubbard, John Benjamin, Senath.
 Hubbard, Henry Ross, Dexter.
 Hudson, Rolla Dubart, Shirley.
 Huebner, William Frederick, Owensville.
 Huff, Stella Algene, Millerville.
 Huff, John Franklin, Williamsville.
 Hunter, Lee, Greenville.
 Hunter, Catharine, Benton.
 Huss, Genevieve, Farmington.
 Hutton, Lucile Frances, New Madrid.
 Hutchens, Clarence Aaron, Senath.
 Irion, Lydia Mina, Cape Girardeau.
 Ivy, Mary Cynthia, Cape Girardeau.
 Ivy, John Smith, Cape Girardeau.
 Jackson, John, Pocahontas.
 Jeffers, Susie Lucille, Dexter.
 Jett, Bessie, Poplar Bluff.
 Johnson, Lulu May, Bloomfield.
 Johnson, Elsie Errena, Doniphan.
 Johnson, Gilbert, Brunot.
 Johnson, Carrie Woodburn, Cape Girar-
 deau.
 Johnston, Gertrude, Bloomfield.
 Jones, Martha, Piedmont.
 Jones, Nellie, Robertsville.
 Jones, Bessie Estelle, Cape Girardeau.
 Jordan, Earl Franklin, Fisk.
 Joslyn, Annie Evelyn, Charleston.
 Joyce, Eva Eugenia, Vanduser.
 Karger, Emma, Cape Girardeau.
 Kassel, Chester Wilson, Cape Girardeau.
 Keesling, Wilmer Emory, Brule.
 Kelley, Mary Rickman, Steele.
 Kelpe, Alma, Cape Girardeau.
 Kennett, Earl, Hornersville.
 Kernan, M. Mildred, St. Louis.
 Kiefner, Charles Harold, Perryville.
 Kiel, Francis Hannah, Gerald.
 Kies, Helena, Jackson.
 Killian, Edgar Louis, Perryville.
 Killion, James Percy, Linda.
 Killough, Ruth, Perryville.
 Killough, Miriam, Perryville.
 Kinder, Marguerite, Marble Hill.
 Kinder, Hazel Dell, Marble Hill.
 Kinder, James Screngo, Cape Girardeau.
 King, Pansy Virginia, Cape Girardeau.
 King, Edna Joyce, Wilderness.
 King, Mollie Chloe, Wilderness.
 Kipping, Concordia Mathilda, Cape Gir-
 ardeau.
 Kipping, Frieda, Tilsit.
 Kirkpatrick, Mildred, Zalma.
 Kock, Jessie Dena, Neely's Landing.
 Koch, Ottilia Josephine, Cape Girardeau.
 Kochtitzky, John Shidler von, Cape Gir-
 ardeau.
 Krueger, Emma Agnes, Cape Girardeau.
 Lages, Charles Richard, Anniston.
 Lahmeyer, Edward Henry, Bland.
 Lahmeyer, John Anton August, Bland.
 Lane, Percy, Brazeau.
 Lane, Roberta, Brazeau.
 Lane, Bryan Johnson, Cape Girardeau.
 Lane, Lowell Chase, Cape Girardeau.
 Langehennig, Edna Catherine, Jackson.
 Lashley, Bessie, Brunot.
 Launius, Chester Clyde, Bloomfield.
 Launius, Clarence Ernest, Bloomfield.
 Launius, Elisha, Bloomfield.
 Lawrence, Harryvan, Doniphan.
 Laws, Effie Mae, Linda.
 Lawson, William Henry, Malden.
 Lawson, Virginia, Cape Girardeau.
 Ledbetter, Mary, Farmington.
 Ledbetter, Edith Ora, Flat River.
 Lee, Lollie Frances, Kewanee.
 Lee, Bertha Pearl, Poynor.
 Lee, Gladys Frances, Morley.
 Lehr, Henry Hardin, Ellsinore.
 Leming, Rose Eva, Cape Girardeau.
 Leming, Merit Elmer, Jr., Cape Girar-
 ardeau.
 Leming, William Ernest, Cape Girardeau.
 Lemmon, William, Fredericktown.
 Leslie, Ruby Aldah, Millerville.
 Lewis, Joseph Bernard, Cape Girardeau.
 Lewis, Mona Isabelle, Sabula.
 Licklider, Raymond, Jake Prairie.
 Limbaugh, Jeffie Albenna, Frederick-
 town.
 Lincoln, John Wesley, Idalia.
 Linson, Harold Uriah, Cape Girardeau.
 Linxweiler, Erna, New Harmony, Ind.
 Liski, Emma Marie, House Springs.
 Lockhart, Ezra Lee, Owensville.
 Long, Mrs. Etta Kilgore, Chaffee.
 Long, Jennie Kathryn, Bonne Terre.
 Long, Chessie, De Soto.
 Long, Clyde, Braggadocio.

- Long, Leota Letitia, Marquand.
 Looney, Eunice, Advance.
 Lucas, Mabel Modean, Brazil.
 Lupkes, Inca Anna, Gordonville.
 Lyrley, Fred Van Buren, Wolf Lake.
 McAdoo, Cornelia Merle, East Prairie.
 McCann, Ethel Ola, Cooter.
 McCarter, Willard, Caruthersville.
 McColgan, Erie Wess, Dexter.
 McColgan, Reba, Dexter.
 McCoy, Bertha Lenore, Ellsinore.
 McCullough, Cledis Edward, Whitewater.
 McCullough, Donard Ralph, Alton.
 McCutchen, Georgia, Campbell.
 McDaniel, Homer, Poplar Bluff.
 McDonald, Maple Hobbs, Cape Girardeau.
 McElreath, William, Cape Girardeau.
 McElyea, Adece, Campbell.
 McGraw, Bertha, Sedgewickville.
 McHenry, Josie May, Cape Girardeau.
 McKay, Langdon Landreth, Kennett.
 MyKay, Joe John, Kennett.
 McKee, Newell Query, Jackson.
 McKee, Jennie Roena, Cape Girardeau.
 McKnight, Flossie Myrtle, Chaffee.
 McLain, Alma Ree, Jackson.
 McLain, Nell Leone, Cape Girardeau.
 McLain, Eva Ethel, Jackson.
 McLaren, Lucy Anna, Knob Lick.
 McLaughlin, James Curtis, Neely's
 Landing.
 McNabb, Letha Anna, Gatewood.
 McNeely, Elsie Blanche, Fruitland.
 McNeely, Lois Albine, Jackson.
 Mabury, Nellie, Piedmont.
 Machen, Florence Wyatt, Cape Girar-
 deau.
 Magee, Naomi, Bloomfield.
 Maintz, Benjamin Frederick, Oak Ridge.
 Mann, Dot, Ruble.
 Marlin, Allie Belle, Naylor.
 Marshall, Dora, Cape Girardeau.
 Marshall, Dola Fannie, Benton.
 Martin, Charlotte Louise, Cape Girar-
 deau.
 Martin, Charles William, Doniphan.
 Martin, Elmo Simrel, Doniphan.
 Martin, Guy Poston, Irondale.
 Masters, Wilson Harry, Cape Girardeau.
 Mathews, Joe, Jackson.
 Mathewson, Ralph George, New Madrid.
 Matthews, Mary, De Soto.
 Matthews, Nelle Ethel, Fredericktown.
 Mattingly, Laura, Charleston.
 May, Henry Clayton, Campbell.
 Meade, Edward Everett, Graniteville.
 Mecklem, Mabel, New Madrid.
 Meek, Harriet Louise, De Soto.
 Meisner, Henry, Peers.
 Menne, Maude Elizabeth, Pointrest.
 Merrell, Edna Beatrice, Caruthersville.
 Merritt, George Wood, Cape Girardeau.
 Milam, Pluma, Campbell.
 Miller, Nettie Lillian, Cape Girardeau.
 Miller, Daisy Della, Jackson.
 Miller, Oden Ray, Aid.
 Miller, Delia Ethel, New Madrid.
 Miller, Floy Salene, Arcadia.
 Miller, Erban Burette, Cape Girardeau.
 Miller, Elsie Matilda, Millerville.
 Miller, Berenice, Cape Girardeau.
 Miller, Hunter Pa Tracya, Jackson.
 Miller, Levi Erwin, Swinton.
 Mills, Walter Webster, Matthews.
 Misenheimer, Nathan, Allenville.
 Mizell, Carrie, Poynor.
 Monan, Minnie, Kennedy.
 Monan, Josie, Kennedy.
 Moore, Ila Zettie, Bennett.
 Moore, Gip Stephens, Speed.
 Moore, Joseph Rockefeller, Chaffee.
 Moore, Ada Ellen, St. Clair.
 Moore, Ella Reid, Commerce.
 Moore, Fred Vail, Festus.
 Moore, Clarence Lee, New Madrid.
 Moore, Joe Edward, Cape Girardeau.
 Moore, Fred Maxwell, Whitewater.
 Moore, Charles Minor, Chaffee.
 Moranville, Benedict August, St. Mary's.
 Moranville, James Bernard, St. Mary's.
 Morgan, Clara Cleo, Shawneetown.
 Morrill, Helen May, Pacific.
 Morrison, Jessie Carman, Kirkwood.
 Morton, Virginia Marie, Jackson.
 Mueller, Albert Gottlieb, Frohna.
 Mueller, August B., Pocahontas.
 Muir, Irene, Pacific.
 Munger, Anice, East Prairie.
 Munger, Gertrude Ethel, East Priarie.
 Murphy, Nora Gertrude, Bonne Terre.
 Murphy, Annie Mae, Bem.
 Murrill, Louise Estelle, Bonne Terre.
 Muse, Luther Lee, Senath.
 Myrant, Samuel H., Poplar Bluff.
 Neal, Harry Lee, Cape Girardeau.
 Neal, Ivan Samuel, Cape Girardeau.
 Neumeyer, Ernest Hermann, Gordonville.
 Neumeyer, Martin, Jackson.
 Nevens, Hazel Marie, Jackson.
 Nicholas, Lillie Belle, St. Louis.

- Nieweg, Elizabeth Olinda, New Melle.
 Niswonger, Shabie Ethel, Millersville.
 Noland, Minnie Ophelia, Neely's Landing.
 Nolin, Jack, Portageville.
 Norden, Fred Washington, Broseley.
 Norvell, Grace, Cape Girardeau.
 Norvell, Jerome Frank, Cape Girardeau.
 Norvell, Paul Caston, Cape Girardeau.
 Oakley, Blanche, Blytheville, Ark.
 O'Brien, Corinne Frances, Byrds.
 O'Brien, Opal Marie, Byrds.
 Oesch, Ernest Hermann, Wilderness.
 Oliver, Helen, Neely's Landing.
 Opitz, George Wallace, Owensville.
 Orton, Emily Virginia, Braggadocio.
 Orton, Bessie Saline, Caruthersville.
 Owens, Cyrus Christ, Leslie.
 Ozorio, Auta de Tavares, Farmington.
 Ozorio, Alda de Tavares, Farmington.
 Ozorio, Dorothy de Tavares, Farmington.
 Pace, Sweetie Belle, Poplar Bluff.
 Page, Clifton Breckenridge, Puxico.
 Palmer, Eric, Eminence.
 Pape, Lillian Alma, Cape Girardeau.
 Parker, Roy William, Bland.
 Patke, Anna Marie, Union.
 Patterson, Chloe Azalea, Essex.
 Patterson, Viola, Hayti.
 Patterson, Elma, Essex.
 Patton, Leslie Endicott, Cape Girardeau.
 Paullus, Stella, Coldwater.
 Pedigo, Etta Pauline, Cape Girardeau.
 Peterman, William, Bland.
 Peters, Josie, Glen Allen.
 Phillips, Oscar, Jackson.
 Phillips, Frank, Broseley.
 Pickel, Myra Margaret, Kirkwood.
 Pickens, Erma Viola, Cape Girardeau.
 Pickens, Grace, Cape Girardeau.
 Pilliard, Lola Estelle, Kinsey.
 Poeschel, Alma Ethel, Hermann.
 Polk, Annie Theodosia, Arcadia.
 Ponder, Martha Lucille, Bertrand.
 Ponder, Anna Gertrude, Bertrand.
 Pool, Minnie Belle, Kennett.
 Pound, Esther, Okolona, Ark.
 Poynor, Elsie, St. Louis.
 Preslor, Elsie, Manley.
 Presson, Elva Claire, Bertrand.
 Price, Iva, Ruble.
 Pride, John Franklin, Puxico.
 Proffer, Lela Estella, Cape Girardeau.
 Proffer, Ila Luluand, Cape Girardeau.
 Propst, Kergie Victaw, Steele.
 Pulliam, Robert Randall, Birch Tree.
 Pulliam, Walter Lafayette, Birch Tree.
 Pulliam, Myrtle Margaret, Doniphan.
 Punch, Bessie Viola, Menfro.
 Punch, Malissa George, Cape Girardeau.
 Punch, Samuel Alfred, Cape Girardeau.
 Putnam, Victor J., Parma.
 Ramsey, Dean Willard, Advance.
 Randall, Ulysses Samuel, Wellston.
 Ranney, Roberta, Cape Girardeau.
 Ranney, Mabel, Cape Girardeau.
 Ranney, Wathena, Cape Girardeau.
 Raper, Ethyl Pearl, Naylor.
 Rau, William August, Cape Girardeau.
 Raulston, Mary Julia, Poplar Bluff.
 Raulston, John Lawrence, Poplar Bluff.
 Reaban, Sadie, Dittmer.
 Reaves, Sarah Elizabeth, Cape Girardeau.
 Reaves, Samuel Curtis, Cape Girardeau.
 Reed, Nettie, Ellington.
 Reed, Edwin Arthur, Des Arc.
 Reed, Julia Catherine, Jackson.
 Reed, Lyman Harlan, Jackson.
 Reed, Aquilla Simpson, Advance.
 Reed, Alma, Aux Vasse.
 Reed, Maude Jane, Advance.
 Reese, Oscar Norwin, Coldwater.
 Reese, Marvin, Coldwater.
 Reif, Florence Alice, Cape Girardeau.
 Rennick, Daisy Dot, Rosebud.
 Reynolds, Ida Martha, De Soto.
 Rice, Blanche, Bonne Terre.
 Rice, Casie Edith, Senath.
 Rider, Amzi Leech, Cape Girardeau.
 Ridgley, Lawrence Chauncey, Centaur.
 Riggs, Prudie Louise, Campbell.
 Ringo, Lucille Parradine, Ironton.
 Ringo, Lloyd Bryan, Arcadia.
 Roberts, Mary Edith, Cape Girardeau.
 Robertson, James Frederick, Jackson.
 Roope, Helen Henrietta, De Soto.
 Roseman, Ernest John, St. Mary's.
 Ross, Annalee, Elvins.
 Rucker, Frankie Field, Cape Girardeau.
 Ruess, William Simon, Kimmswick.
 Ruff, Jean Helm, Cape Girardeau.
 Runnels, Olga, Whitewater.
 Ruppel, Bertie May, Jackson.
 Russell, Adelaide, Cape Girardeau.
 Rust, James Herbert, Hayti.
 Sachse, Theodore Julius, Jackson.
 Sanders, Clara Elizabeth, Zion.
 Satterfield, Charles David, High Gate.
 Saupe, Erwin Adolf, Shawneetown.
 Saupe, Walter Julius, Cape Girardeau.

- Schaefer, Katharine, Cape Girardeau.
 Schafer, Mathilda Clara, Doe Run.
 Schafer, Marguerite, Doe Run.
 Schenimann, Mary Grace, Neely's Landing.
 Schultz, Leo Carl, Cape Girardeau.
 Schultz, Louis Joseph Rudolph, Cape Girardeau.
 Schwade, Mattie Cecilia, Webster Groves.
 Scism, Don, Blomofield.
 Scism, Minnie Gregory, Bloomfield.
 Scott, Charles, Senath.
 Seabaugh, Bland Floyd, Sedgewickville.
 Seaman, Grace Lauretta, Winona.
 Sease, William Ira, Czar.
 Sebastian, Mary Elizabeth, Fredericktown.
 Sewing, Herman Kossuth, Friedheim.
 Sexton, John Franklin, Bertrand.
 Seymour, Oliver Jesse, Doniphan.
 Sharp, Ella, Steele.
 Sharp, Georgia Esther, Cape Girardeau.
 Sharp, Samuel Warden, Steele.
 Shell, Lou Ida, Oak Ridge.
 Shockley, Leonard Meredith, Eminence.
 Shockley, Sydney Clyde, Eminence.
 Short, Mary Beatrice, Lodge.
 Shrum, Jennie, Kennett.
 Shular, Willie May, Arcadia.
 Shy, William Albert, Black.
 Silger, Margaret Anna, Grandin.
 Simms, Lucy Janet, Advance.
 Siemers, August Henry, Cape Girardeau.
 Slavick, Maximilian Joseph, Fenton.
 Sligh, Margaret Read, St. Louis.
 Slover, Gertrude, Patton.
 Smith, Mary Lucile, Platin.
 Smith, Lennie Ava, Sikeston.
 Smith, Myrtle, Dirk.
 Smith, Katie, Essex.
 Smith, Clarence William, Bernie.
 Smith, John William, Vilean.
 Smith, Jackson Bryan, Owensville.
 Smith, Martin Van Buren, Owensville.
 Smith, Viola May, Cardwell.
 Smothers, Lulu, Naylor.
 Snider, Jennie, Campbell.
 Snider, Vandelia, Campbell.
 Spitznagel, Raymond, Wellston.
 Spradling, Glee Ellen, Union.
 Stanley, Lucile, St. Francis, Ark.
 Statler, Maud Ethel, Daisy.
 Stearns, Aza Myrtle, Millersville.
 Steele, Lyman, Jackson.
 Steimle, Leo Paul, Cape Girardeau.
 Stephens, Joseph Lee, Ellsinore.
 Sternberg, Esther Lillian, Jackson.
 Sternberg, John Wesley, Gordonville.
 Stevenson, Maple Oren, New Wells.
 Stewart, Henry, Hayward.
 Stilts, Joseph Fred, Arab.
 Stivers, Lottie, Steele.
 Stocks, Mary, Malden.
 Stokeley, Zera Lee, Williamsville.
 Stovesand, Hubert John, Hillsboro.
 Stubblefield, Henry Ingham, Chaffee.
 Stubblefield, Robert Lee, Ellington.
 Stumm, Helen, Dittmer.
 Sullivan, Era Beah, Blodgett.
 Sutherland, Thelma, Portageville.
 Swan, Reginald Otto, Wittenberg.
 Sweek, Nora Kneisel, St. Mary's.
 Swilley, Emma Ella, Portageville.
 Swilley, Albert Allan, Cape Girardeau.
 Swilley, Cody, Cape Girardeau.
 Switzer, Ora, Jackson.
 Tacke, Lillie Viola, Oak Ridge.
 Tallent, Geraldine, Cape Girardeau.
 Talley, Mabel Elizabeth, Jackson.
 Tarlton, Mattie Lee, Cape Girardeau.
 Teer, Nellie Bly, Aid.
 Thaxton, Verna Grace, Doniphan.
 Theiss, Ruth Louise, Jefferson Barracks.
 Thomas, Rennie Harrison, Czar.
 Thomason, John William, Steele.
 Thompson, Bernard Burette, Gordonville.
 Thornburgh, Roy Earl, Greenville.
 Thurman, Winfred Monroe, Redford.
 Tolleson, Lora, Graniteville.
 Towne, Ruth, Cape Girardeau.
 Travers, Susie, Dexter.
 Triplett, Laura Sherwood, Cape Girardeau.
 Triplett, Nellie Clementine, Cape Girardeau.
 Tucker, Alex Norwine, Van Buren.
 Tucker, Harry Edgar, Dexter.
 Turner, Edith, Oak Ridge.
 Turner, Mildred, St. Louis.
 Tyler, Katherine Estella, Cape Girardeau.
 Umbeck, Alma Esther, Cape Girardeau.
 Umbeck, Clara Louise, Cape Girardeau.
 Unterreiner, Cora Lula, Biehle.
 Vaeth, Eugene Thomas, Ste. Genevieve.
 Van Amburg, Albert Lee, Lutesville.
 Vancil, Myrna Corinne, Fornfelt.
 Vaughan, Edna Florence, Festus.
 Vassier, Esther Barbara, Wellston.

- Venarde, Mabel Helen, Jefferson Barracks.
Vogel, Lillie Susanna, Cape Girardeau.
Wadlow, Emma, Ellington.
Walker, Carrie Anne, Bloomfield.
Walker, Rose Marion, Kennett.
Wallach, Stanislav, Fenton.
Wallach, Albert Rudolph, Fenton.
Wallis, Permelia, Millersville.
Wallis, Maud Octavene, Shrum.
Waltrip, Nell Victoria, Clarkton.
Wasem, Mrs. Bertha M., Cape Girardeau.
Wathen, Fanny Russell, Lebanon, Ky.
Watson, John Oscar, Cape Girardeau.
Weeks, Robert Herman, Canalou.
Weber, Ruth Placide, Cape Girardeau.
Weimer, Lawrence, Cape Girardeau.
Weis, Albert John, Cape Girardeau.
Weiss, Albert, Jackson.
Welker, Mrs. May, Fredericktown.
Welker, Ira Edmund, Fredericktown.
Welsh, Jesse William, Redford.
Wentzel, Louis Robert, Owensville.
West, Martha, Kennett.
Westover, Georgia Hallie, Farmington.
Whalen, Mrs. Daisy Mann, Poplar Bluff.
Wharry, Kathleen Eloise, Charleston.
White, Elsie, Caledonia.
White, Ralph, Puxico.
White, Harry Ross, Kennett.
Whitener, Otto Lafayette, Arab.
Whiteledge, William Pearl, Cape Girardeau.
Whitney, Isabella, Wellston.
Wiggs, William Saylor, Lutesville.
Wilde, Ada, Advance.
Wilder, Martha Louise, Cape Girardeau.
Wilder, Hugo, Cape Girardeau.
Wiley, Rose Estelle, De Soto.
Wilkening, Arthur Conrad, Oak Ridge.
Wilkerson, Ellen, Dudley.
Wilkey, Lola, Idalia.
Wilkey, Berenice Opal, Idalia.
Willer, Virginia Emma, Cape Girardeau.
Williams, Pearl, Cape Girardeau.
Williams, Mabel, Cape Girardeau.
Williams, Ralph, Cape Girardeau.
Williams, Irene Virginia, Jackson.
Williamson, Robert Foster, Puxico.
Wilson, Bess, Grubville.
Wilson, Lloyd Glenwood, Alton.
Wilson, Allene, Cape Girardeau.
Wilson, Mrs. Mary C., Cape Girardeau.
Wilson, Aras Wylie, Broseley.
Wilson, William Berry, Cape Girardeau.
Winkler, Esther Carlena, Gordonville.
Wood, Mart, Brian.
Woodson, Margaret Medora, Cape Girardeau.
Woodson, Zylpha May, Anniston.
Woracheck, Nellie, Grantsburg, Ill.
Worley, Rexford, Aid.
Worley, Mrs. Clara Elizabeth, Taft.
Wright, Mary Josephine, St. Louis.
Wulfers, Lucy, Cape Girardeau.
Wulfers, Rose, Cape Girardeau.
Wunderlich, Bernhard Zachary, Shawneetown.
Zimmerman, Clarissa Elizabeth, Cape Girardeau.

ALUMNI STATE NORMAL SCHOOL. (THIRD DISTRICT.)

CAPE GIRARDEAU.

An effort is being made to keep this list accurate and up to date. Corrections and information concerning graduates whose addresses are not correct will be appreciated. The addresses here given are correct for January 1, 1915, except for those graduates whose addresses could not be found.

MASTER OF SCIENTIFIC DIDACTICS.

1883.

Burge, Lottie, Cameron.

*Cheney, Mrs. Frances, Syracuse, N. Y.

Cheney, George N., Syracuse, N. Y.

Leech, Nannie (Smith), 1335a Hamilton Ave., St. Louis.

McNeely, Eugene, Jackson.

McLeary, Henry S., Cape Girardeau.

Smith, George, Masonic Home, St. Louis.

1884.

Brooks, James, 4402 Ross Ave., Dallas, Texas.

Hickman, Jennie, 1402 Tower Grove Ave. St. Louis.

Malone, James, Hanford, Calif.

Proctor, Marcella, St. Louis.

*Van Amburg, James H., Greenville, Texas.

1886.

Cheney, Lyman A., 1610 Amsterdam Ave., New York City.

Hamilton, Alfred, Newport, Ark.

Hines, Thomas Dickson, Jackson.

Malugen, John Henry, Bonne Terre.

Shoot, Kate (Doherty), Lathrop.

*Specking, Henry, Carondelet.

1887.

Cowden, Emma, Pittsfield, Ill.

*Cheney, James, Bonne Terre.

Wilson, J. Maple, Cape Girardeau.

1888.

Zimmermann, Julius, St. Louis.

1889.

*Brown, Emma (Thompson), Aurora.

Hauenschild, Clara, 500 Broadway, Oakland, Calif.

Norvell, Caston, Cape Girardeau.

1890.

Sloan, Albert, 1427 Park Ave., Little Rock, Ark.

* Deceased.

1891.

Fink, Buford, Bloomfield.

1893.

*Ivy, Henry M., Cape Girardeau.

Norvell, Edward E., Beggs, Okla.

Watkins, William, 658 East street, San Bernardino, Calif.

Williams, Frank, Alton.

BACHELOR OF ARTS.

1908.

Needham, Jr., John B., Elvins.

Shackelford, Harvey, 3632 Lafayette Ave., St. Louis.

Stewart, Thomas Jefferson, Flat River.

1909.

Albert, Harry Lee, New Bank of Commerce Bldg., St. Louis.

Douglass, Robert Sidney, Cape Girardeau.

Frazier, Margaret Beulah (Stewart), Flat River.

Groves, Andrew Washington, Fisk.

Hurt, Arthur Stratton, Greenfield.

Hartzell, Florence (Oliver), 132 South Sixth street, Raton, N. M.

Richards, Gertrude Bramlette, Ithaca, New York.

Shackelford, Benjamin Estil, 3632 Lafayette Ave., St. Louis.

Taylor, Viola Elizabeth (Bahn), Cape Girardeau.

Wilson, Emma Anatolie, Corpus Christi, Texas.

1910.

Blom, John Henry, Gray's Summit.

1911.

Blom, Edward Charles, Washington.

Brown, Ralph Lyman, Cape Girardeau.

Cramer, Harriet Jane, Jackson.

Dearmont, Russell Lee, Cape Girardeau.

Machen, Florence Wyatt, Cape Girardeau

1912.

- Lightfoot, Benj. Harrison, 5508 Emerald Ave., Chicago.
 Lightfoot, Edward Lee, 5508 Emerald Ave., Chicago.
 Rief, Mary Coral (Blackburn), Miles City, Mont.

1913.

- Bagwell, Josephine Way, Potosi.
 Doherty, William Thomas, Cape Girardeau.
 Ivy, Andrew Conway, Cape Girardeau.
 Knehans, Esther Lillie, De Soto.

1914.

- Town, Mildred, Cape Girardeau.
 Whitledge, William Pearl, Cape Girardeau.

BACHELOR OF SCIENCE.**1912.**

- Hoffman, Clara Luella, Cape Girardeau.
 Jones, Henry Lee, Desloge.
 Magill, Arthur Clay, Cape Girardeau.
 Wiley, James Alvin, Piedmont.

1913.

- Harbison, Chester Clyde, Wichita, Kans.

BACHELOR OF SCIENCE IN HOME ECONOMICS.**1914.**

- Brucher, Edith Lillie, Cape Girardeau.

BACHELOR OF SCIENCE IN EDUCATION.**1912.**

- Wiley, Edward Orlando, Piedmont.

1914.

- Franklin, Lillie May, Flat River.

BACHELOR OF PEDAGOGY.**1877.**

- Cowden, Emma, Pittsfield, Ill.

1878.

- McNeely, T. E., Jackson.
 Polack, Theodore, Marysville, Kans.
 Wilson, Ellen (Miller), Culbertson, Neb.

1879.

- Brewer, M. David, Crowley, La.
 Cheney, George, Syracuse, N. Y.
 Cheney, Lyman A., 1610 Amsterdam Ave., New York.
 Leech, Nannie (Smith), 1335a Hamilton Ave., St. Louis.
 Smith, George, Masonic Home, St. Louis.

* Deceased.

1880.

- Brewer, Mattie, Milwaukee, Wis.
 Brooks, James, 4402 Ross Ave., Dallas, Texas.
 Burge, Lottie, Cameron.
 Cheney, Jerome, White Memorial Bldg., Syracuse, N. Y.
 Whitelaw, Rodney G., Cape Girardeau.

1881.

- Malone, James, Hanford, Calif.
 McLeary, Henry S., Cape Girardeau.
 *Miller, William, Cape Girardeau.

1882.

- Hickman, Jennie, 1402 Tower Grove Ave., St. Louis.
 Hines, Thomas Dickson, Jackson.
 *Ivy, Henry M., Cape Girardeau.
 Proctor, Marcella, St. Louis.
 *Van Amburg, James H., Greenville, Texas.

1883.

- *Burrough, Frank E., Cape Girardeau.
 Pettit, Jennie (Morrison), Washington, D. C.

1884.

- Bingham, Edith (Fletcher), Lenoque, Ark.
 Burford, Rebecca (Smith), Whittier, Calif.
 *Cheney, James, Bonne Terre.
 Hamilton, Alfred, Newport, Ark.
 *Hatler, Jessie (Malone), Hanford, Calif.
 Malugen, John Henry, Bonne Terre.
 *Specking, Henry, Carondelet.

1885.

- Cramer, Emma (Kriekhaus), 3602 Iowa Ave., St. Louis.
 Green, Samuel M., Supt. Sch. for Blind, St. Louis.
 Matthews, Charles, Fruitland.
 Kochtitzky, Edward H., Mount Airy, North Carolina.
 White, J. U., Brookfield.
 Wilson, J. Maple, Cape Girardeau.

1886.

- *Bahn, Rudolph, Cape Girardeau.
 *Fox, Alonzo Edgar, Louisville, Ky.
 Lusk, Benj. Franklin, Glenmora, La.
 Matlock, Mamie (Hartzell), Farmington.
 Ringo, Mann, Ironton.
 *Wilson, Thomas, Richardson, Texas.
 Zimmermann, Julius, St. Louis.

1887.

- Barry, Rose, Elvins.
 Blankenship, Wm. T., Mazie, Okla.

Bonney, Jessie (Van Amburg), Richville, Washington.

Brown, Emma (Thompson), Aurora.

Harris, Jessie (Fink), Bloomfield.

Hauenschild, Clara, 500 Broadway, Oakland, Calif.

Joyce, Thomas, Cape Girardeau.

Norvell, Caston, Cape Girardeau.

Randol, Nicholas C., 3044 Hemphill St., Ft. Worth, Texas.

Schneider, Rachel (Geissing), Desloge.

Van Amburg, Louis, Richville, Washington.

1888.

Burford, Richard, Los Angeles.

Conrad, Ida M. (Mayfield), 2 Lewis Pl., St. Louis.

Cowen, Luther, Manual Training H. S., Denver, Colo.

Davis, Samuel, Dallas, Texas.

Ellis, Hattie (Bondurant), Commerce.

Evans, Sala, Kochi Tosa, Japan.

Fink, Burford W., Bloomfield.

Fleming, William, Farmington.

Greenwood, George, Fredericktown.

Hall, Charles, Dexter.

Isenburg, Frederick H., Corpus Christi, Texas.

Macom, Columbus, Jackson.

*Milster, Fannie (Lane), Washington, D. C.

*Minton, Charles, Cape Girardeau.

Morton, L. W., Longview, Texas.

Perkins, Benjamin, Elvins.

Ringo, Salena (Miller), Arcadia.

*Roehl, Chester, Cape Girardeau.

Sloan, Albert, 1427 Park Ave., Little Rock.

*Vance, Frank, Libertyville.

Williams, Elma (Ealy), Cape Girardeau.

1889.

Beard, Pearl (Norvell), Cape Girardeau.

Chappell, Birdie (Hawkins), Cape Girardeau.

*Fink, Edith, Bloomfield.

Holloway, Lizzie, Charleston.

Lane, Cyrus M., P. O. Box 807, San Antonio, Texas.

McLain, Wallace, Cape Girardeau.

Roseman, Della, St. Mary's.

1890.

*Baird, Thomas J., Kennett.

Bean, Edward J., De Soto.

* Deceased.

Beard, Mattie (Slate), Jefferson City.

Bennett, Lee, Boulder, Colo.

Brown, Lulu (Rader), Fayette.

Bueltemann, Henry, Purdy.

Finney, Virginia M., Kennett.

Lehman, Rozene (Roote), Butte, Mont.

Royston, James F., Fulton, Ky.

Watts, Susie, Farmington.

Williams, Linda, Cape Girardeau.

Williams, Frank, Willow Springs.

1891.

Burford, Kate (Collicott), Coldwater, Mississippi.

*Clark, Dollie, Troy.

Clark, Elinor May, Rock Springs, Wyo.

Cline, Arthur, Frohna.

Gaty, Mollie (Beckwith), Cairo, Ill.

Hartzell, Florence (Oliver), 132 S. 6th St., Raton, N. Mex.

Hauenschild, Bertha (Blomeyer), Cape Girardeau.

*Hitt, Lee, Cape Girardeau.

Minton, Sabra (Limbaugh), Las Cruces, New Mexico.

Norvell, Edward E., Beggs, Okla.

Osterloh, Theodore, Joplin.

Shaner, Lawrence, Fruitland.

*Stewart, Alonzo, Fredericktown.

Watkins, William Walnut Ridge, Ark.

Williams, Thomas M., Cape Girardeau.

1892.

Carroll, Margaret (Mauthe), Pacific.

Denny, Volney, Cedar Hill.

Guemmer, Henry F., Perryville.

*Keehne, Leonard, St. Louis.

Lutes, David, Benton.

Steinbeck, August, Union.

1893.

Albert, Harry Lee, New Bank of Commerce Bldg., St. Louis.

Burley, Laura (Moody), Fresno, Calif.

Butler, Charles B., Doniphan.

Caruthers, Lafayette, Cape Girardeau.

Cluley, Catherine (Smith), Webster Groves.

Denny, Robt. B., Eureka.

Douglass, Robert Sidney, Cape Girardeau.

Green, Belle, 3825 Wyoming, St. Louis.

Hays, Edward D., Cape Girardeau.

Hickman, Mollie (McCoy), Bloomfield.

Isenburg, Edward, Heyburn, Idaho.

*Pepper, Charles, Cape Girardeau.

Senne, Grace (Wilson), Cape Girardeau.

Shaner, James C., 5185 Fairmount, St. Louis.

Stuart, Anna (Moore), Palacios, Texas.

*Vesey, Charles, Ft. Wayne, Ind.

Wescoat, Ida (Howard), Kansas, Ill.

*Wilson, John, Cape Girardeau.

1894.

Allen, Russell, Marianna, Ark.

Alton, Amzi R., Cape Girardeau.

Benham, Pearl (Sherwood), Dexter.

Carroll, Kate (McCarty), Little Rock.

O'Donoghue, Nellie (Nicodemus), Telluride, Colo.

*Reyburn, A. H., Bellview.

*Roehl, Geraldine (Isaacs), Memphis.

Riddle, George W., Dexter.

1895.

Cureton, Frederic, Bixby.

Duncan, Louise (Frissell), San Diego, Calif.

Hickman, Ella (Bonney), Lockhart, Fla.

McCullough, E. E., 150 S. El Molino Ave., Pasadena, Calif.

Moore, Henry Stephen, Cape Girardeau.

*Moore, John B., Oran.

Reed, J. L., Ennis, Texas.

Shaner, Roena E., Jackson.

Winn, Wm. J., Piedmont.

1896.

Browning, Ella, Texas.

Hume, E. L., Bourbon.

*Kelley, Kate (Bahn), Cape Girardeau.

*Lutes, Jacob, Lutesville.

Medley, John Sylvester, Whitewater.

Sadler, Ella, Oak Ridge.

Satterfield, Jennie (Reagan), Helena, Arkansas.

*Stephens, Lillian, Cape Girardeau.

Stuart, Lila (Moore), Cape Girardeau.

Warren, Mattie (McMullin), Sikeston.

Wilson, Edna N., Cape Girardeau.

Woody, Nellie, Cape Girardeau.

1897.

Baker, Samuel A., Jefferson City.

Brooks, Annie (Siebert), Ste. Genevieve.

Dysart, Chattie, Mussel Shoals, Ind.

Fullerton, Elizabeth, St. James.

Hallam, Eudora V., 326 5th St., S. E., Washington, D. C.

Haupt, William H., Rockford, Ill.

McLeary, Ophelia (Satterfield), Helena, Arkansas.

Randol, V. V., Kennett.

* Deceased.

Sitze, James Monroe, Cape Girardeau.

Stearns, Benjamin S., Jennings.

Stuart, Edward C., 3rd Nat'l Bank, St. Louis.

Summers, George, Cape Girardeau.

Taylor, Lizzie (Pruitt), Advance.

Vaeth, Joseph A., Cape Girardeau.

Van Amburg, A. J., Lind, Wash.

Wellenkamp, Octavia (Bagby), Washington.

1898.

Albert, Alma (Wood), Baltimore, Shirley Ave., E. of Park Hill.

Albert, Clara (Coerver), Olathe, Colo.

Bradley, James A., Kennett.

Catern, Josephine (Cantrell), Cape Girardeau.

Daues, Charles H., 3620 Lierman Ave., St. Louis.

Dennis, Kate (Seibert), 5825 Bartmer Ave., St. Louis.

Fletcher, Alma, Emerson School, St. Louis.

Fullerton, Ilo (Bartley), Davenport, Iowa.

Hawkins, Mattie (Schultz), Cape Girardeau.

McKee, Herbert N., 730 K St., Eureka, California.

Napper, J. R. H., 921 Cherry Ct., Springfield.

Nelson, E. W., Hannibal.

*Nettles, Julia, Cape Girardeau.

O'Donoghue, Florence, 5092 Ridge Ave., St. Louis.

Oliver, R. B., Jr., Cape Girardeau.

Porterfield, William Laurie, 1540 W. 47th St., Chicago.

Scivally, Dennis M., Cape Girardeau.

1899.

Barenkamp, Frances (Wencker), 5918 Theodosia Ave., St. Louis.

Cline, Carrie, Frohna.

Farmer, George, Cape Girardeau.

Frost, Frank J., Mercantile Trust Co., Joplin.

Kaechele, Elizabeth (Knabb), Valley Park.

Murray, W. W., Escuela de Ingles y

Artes, Siguatepeque, Honduras, C. A.

Matthews, Katherine (Gale), Marquand.

*Nettles, Georgia, Cape Girardeau.

Porterfield, Beulah (Coffman), Cape Girardeau.

Stout, Marvin, Cape Girardeau.

1900.

Astholz, Mollie (Smith), Cape Girardeau.
Bowman, Lee, Cape Girardeau.
Cook, Jennie A., Cape Girardeau.
Copeland, Lida (Powell), St. James.
Fisher, Lula (Emory), 113 Liberty St.,
Opelousas, La.
Fulbright, James F., Doniphan.
Gladish, S. L., Osceola, Ark.
Grunewald, Cornelia, Khandiva, India.
Grunewald, Wesley E., Reddick, Ill.
Harris, Irene, 125 Rumsey Av., Lansing
Av., Lansing, Mich.
Harris, Irene, 115 Rumsey Av., Lansing
Michigan.
Harris, Gertrude, Ahmednagar, India
McWilliams, John, Benton.
*O'Bryan, Irene, Charleston.
Phelan, John M., Allenton.
Pierce, James William, West Plains.
Pogue, J. O., Goodman.
Snider, G. B., Marble Hill.
Vaeth, Lawrence H., Chicago, Ill.
Vinyard, Alice, Desloge.
Wilson, Gregory, Cape Girardeau.

1901.

Atkinson, Jefferson, Doniphan.
Buehrman, Elma, 3644A Wyoming St.,
St. Louis.
Buehrman, Annette, 3644A Wyoming St.,
St. Louis.
Burris, Eva (Shumacher), Puxico.
Breier, Cecelia, Ferguson.
Bailey, Ralph E., Sikeston.
Bohnsack, Ella (Kinder), Cape Girar-
deau.
Cover, Stella (Thompson), 3406 Central
Ave., Los Angeles, Calif.
Dietrick, Frank, Hillsboro.
Duckworth, Joseph A., Tuscaloosa, Ala.
Gladish, Jattie (Kingsbury), Mesa, Ariz.
Groves, Andrew Washington, Fisk.
Juden, Alma (Barnes), Memphis, Tenn.
Juden, Barbara (Sackman), Cape Girar-
deau.
Kail, Zada, Cape Girardeau.
McKnight, Robert Cicero, Chaffee.
Machen, Marguerite (Reynolds), Cape
Girardeau.
Perry, Edmund, Long Lake, Wash.
Reid, Theodore, Alton.
Smith, Maud (Bridges), Charleston.
Smith, Emma, Charleston.

Smith, Kate, Doe Run.
Tarter, F. M., Stroud, Okla.
Woody, Sadie (Ogle), Fredericktown.
Woody, Ida Lee, 4405 Forest Park Pl.,
St. Louis.
Wilson, Addie, 310 Mount Washington
Drive, Los Angeles, Calif.
Whitelaw, Matilda (Williams), Ft. Slo-
cum, New York.

1902.

Boehm, Gustavus, Ger.-Amer. Bk. Bldg.,
Springfield.
Bates, Margaret, Piedmont.
Bowman, Arthur C., Cape Girardeau.
Barnes, Lucy (Seegers), Andalusia, Ala.
Denecke, Samuel, Fredericktown.
Dodson, Elsie, 5840 Ridge Ave., St. Louis.
Groppe, Gustave, Fredericktown.
Irby, James M., Lilbourn.
Juden, Nannie, Colorado Springs, Colo.
Loomis, Burt W., Belgrade.
McKee, Jennie (Pointer), Craig.
McKelvey, Edith A., Kirkwood.
Nolte, Julius R., Clayton.
Proffer, Luther E., Unionville.
Ossenfort, August, Kirkwood.
Sander, Albert M., Jackson.
Sloan, Hattie, 843 Olive Avenue, Long
Beach, Calif.
Taake, Edmund F., 404 Daley Building,
Seattle, Wash.
Ulrich, John H., Cape Girardeau.
Wilson, Julia (Nolte), Clayton.

1903.

Bohnsack, Anita Emma, Cape Girardeau.
Carroll, Loretto Agnes, 4039 Westmin-
ster, St. Louis.
Covington, Louise, Bloomfield.
DeLisle, Cora Lee (Fuller), Portageville.
Finney, William O., Chaffee.
Fiquart, Joshua, Frankfort.
Limbaugh, Bernice (Miller), Cape Girar-
deau.
Reneau, Mary Hays, Lilbourn.
Schoebel, Lenore R., Urumia, Persia.
Wilson, Emma Jane, Cape Girardeau.
White, Addie, Bloomfield.

1904.

Alter, Sarah Edith, Kirkwood.
Bray, Willis Joseph, Kirksville.
Dodson, Ida Bedford, 5840 Ridge Ave.,
St. Louis, Mo.
Dorst, Louise (Pfotenhauer), Crystal
City.

* Deceased.

Foster, Harry Walker, Pascola.
 Howard, James Edgar, Caruthersville.
 Irion, Frederick C., Jefferson City.
 Irion, Theophilus W., Springfield.
 Lee, Anderson, 1722 Oak St., Quincy, Ill.
 Lauman, Arabelle, Wellston.
 Lewis, Katherine, St. Louis.
 Loomis, Otis L., Potosi.
 Miller, Ann Wilson, Culbertson, Neb.
 Proffer, Willis L., Cotton Plant, Ark.
 Sample, John, Cape Girardeau.
 Sander, Martha, Jackson.
 Slinkard, Mae (Stout), Cape Girardeau.
 Smith, Edna Justine, Farmington.
 Spradling, Albert, Jackson.
 Tarlton, Lou Benona, Cape Girardeau.
 Wilson, Emma Anatolie, 413 Waco St.,
 Corpus Christi, Texas.
 Whitelock, Jennie (Kettel), Unionville.
 Zimmerman, Orville, Kennett.

1905.

Arnold Ethel, Cape Girardeau.
 Day, Ruby (Pinnel), Moberly.
 DeLisle, Letha, Portageville.
 Diersson, Anna Elizabeth, Cape Girar-
 deau.
 Drury, Odus Jean Paul, Cape Girardeau.
 Hall, Harry H., Berger.
 Henry, Justina, Irving School, St. Louis.
 Hylton, Joseph A., Mansfield.
 Kaechele, Mary Catherine, Valley Park.
 Kies, Lydia A., Jackson.
 Knepper, Ida May, Skidmore.
 Kochtitzky, David Wade, Malden.
 Luckey, Lulu B., Tucumcari, New Mex.
 McDonald, James T., Cape Girardeau.
 Miller, George Frederick, Columbia.
 Oliver, Allen Laws, Cape Girardeau.
 Pickens, Almus G., Cape Girardeau.
 Pullem, Roberta W., 4628 McPherson
 Ave., St. Louis.
 Simpson, Albert Dulaney, Charleston.
 Snider, Francis William, Perryville.
 Stoecker, Eleanor (Bowman), Cape
 Girardeau.
 Westover, Raymond, San Bernardino,
 California.
 Winkler, Emily A., Malden.

1906.

Aulsbury, Henry Morgan, Eminence.
 Bagwell, Josephine Way, New Haven.
 Baker, Susan (Hinchey), Cape Girar-
 deau.
 Bergman, Cornelia (Matthews), Sikeston.

Brantley, Mary Emma, Valley Park.
 Carroll, Gertrude (Helber), 4039 West-
 minster, St. Louis.
 Davis, Henry, Elvins.
 Foard, Edward T., Doniphan.
 Hargrove, William Henry, Columbia.
 Hertzinger, Ernest L., Bishop, Calif.
 Hunter, Rush, Princeton.
 Hurt, Arthur Stratton, Greenfield.
 Hutters, August Martin, box 581, Santa
 Monica, Calif.
 *Krueger, Alvina Julia, Cape Girardeau.
 Marshall, Clarence Edwin, Sandoval, Ill.
 Masters, Sadie Ruth.
 Oliver, John William, Neelys Landing,
 R.R. No. 1.
 Oliver, William Palmer, Cape Girardeau.
 Phillips, Maude Irene, Sikeston.
 Pfothenauer, Frederick Conrad, Crystal
 City.
 Saller, Edith, Cape Girardeau.
 Schrader, Alma Emma, Cape Girardeau.
 Scott, Ethel May, Rolla.
 Sears, Victor, Williamsville.
 Shackelford, Harvey, 3532 Lafayette,
 St. Louis.
 Sharp, Grace Evelyn (Murphy), Bonne
 Terre.
 Simpson, George, Madison, Wis.
 Simpson, Lila Noble, Charleston.
 Stewart, Thomas James, Flat River.
 Tomlinson, William Loren, Farmington.
 Vogelsanger, Clara (Ellison), 2611 Park
 Ave., Kansas City.
 Waymeyer, Leonard, 1427 Hamilton
 Ave., St. Louis.
 Willer, Annette (Kaston), Oak Ridge.
 Wilson, Adelaide Bernice (Fitzpatrick),
 701 Travis St., Shreveport, La.

1907.

Allen, Ida Louise, St. Louis.
 Amis, Mary Louise (Luster), Springfield.
 Baker, Bessie Moore (Townsend),
 Aguascalientes, Mexico.
 Bernard, Emil Henry Conrad, Jefferson
 Barracks.
 Bohem, Charles Henry, Neche, N. Dak.
 Boone, Joseph Johnston, 619 Bayland
 St., Houston, Texas.
 Burrough, Mary, Cape Girardeau.
 Chilton, Grace, Leeper.
 Davis, Margaret Catherine, Frederick-
 town.
 Doherty, Wm. Thomas, Cape Girardeau.

Downs, Laura Maze (Burns), Fredericktown.
 Doyle, James Marvin, Walnut Ridge, Arkansas.
 Drum, Roy Allen, Talequah, Okla.
 Dunn, Christine Myrtle, Kirkwood.
 Durham, Elizabeth Browning, Berkeley, California.
 Foeste, Eleanora (Miller), Jackson.
 Foley, Esther Mary, Mexi, Arizona.
 Foristel, Naomi Whitfield, University City.
 Frazier, Margaret Beulah (Stewart), Flat River.
 Friant, Julien Nicholas, Cape Girardeau.
 Fromm, Herman, New York City.
 Gilbert, Alfred Otto, U. S. Navy.
 Gladish, Lulu (Stevenson), New Wells.
 Henderson, Emma Hazel, Jackson.
 Hopper, Susanna (McCutchen), Campbell
 Hunter, William Joseph, Benton.
 Johns, William Leslie, Farmington.
 Kinder, Effie Lillian, Buchanan.
 Kinder, Frances Millington, Poplar Bluff.
 Machen, Florence Wyatt, Cape Girardeau.
 Magill, Arthur Clay, Cape Girardeau.
 McNeely, John Gracey, 1311 Euclid Ave., Santa Monica, Calif.
 McNeely, Leila Edna, Cape Girardeau.
 McNeeley, Lester R., State Agricultural College, Las Cruces, New Mexico.
 Moore, Annie M. (Stumpf), Festus.
 Murphy, Ferd. Augustus, St. Clair.
 Nations, Reginald Heber, Jefferson City.
 Oliver, Marie Marguerite, Cape Girardeau.
 Pilliard, Ira Darwin, 3001 Grand Ave., Milwaukee.
 Ranney, Elizabeth (Fesler), Valley Park.
 Reif, Mary Coral (Blackburn), Miles City, Mont.
 *Sears, Albert, Licking.
 Sebastian, Edw., President Brown Paper Co., St. Louis.
 Shackelford, Benj. Estil, 3632 Lafayette St. Louis.
 Shelton, Nettie Beth, 3500 Ellis Ave., Chicago.
 Smith, Benj. Hugh, Farnfeld.
 Snider, Samuel H., Malden.

* Deceased.

Stevenson, Hugh Roy, New Wells.
 Taylor, Vilo Elizabeth (Bahn), Cape Girardeau.
 Tolson, Henrie Weeys, St. Louis.
 Townsend, Frank E., Aguascalientes, Mexico.
 Van Cleve, John Darwin, Malden.
 Van Cleve, Thomas Curtis, Malden.
 Walther, Bertha, Cape Girardeau.
 White, Charles J., Festus.
 Woody, Anna Marie, 4405 Forest Park Bl., St. Louis.
 Woody, Geraldine, 4405 Forest Park Bl., St. Louis.
 Yount, Essie May (Newman), Ironton

1908.

Bahn, Lillian Katherine, Cape Girardeau.
 Barron, Charles Abraham, Fredericktown.
 Beggs, Gretta (Steck), Farnfeld.
 Bennick, Thos. Decatur, Gravelton.
 Bernard, Marie Lavinia (Van Cleve), Malden.
 Blom, John Henry, Gray's Summit.
 Bowman, Melvina May, Redly, Calif.
 Burkett, Grace, Poplar Bluff.
 Caruthers, Thos. Jefferson, Perryville.
 Cook, Cecil Gail, Dexter.
 Cotton, Etta Ree, Little Rock, Ark.
 Collins, Thomas, Cape Girardeau.
 Courleux, Ferdinand John, 902 S. 18th St., Birmingham, Ala.
 Crow, Harold, Libertyville.
 Davis, Jessie Dent, Fredericktown.
 Estes, Meta Cleveland, Marble Hill.
 Fake, Sarah Sturdivant (Smith), Irving, Kansas.
 Goodin, J. H., Jackson.
 Gowan, Bertha Katherine (Riley), Blaine, Washington.
 Hawkins, Robert Franklin, Pacific.
 Hopper, Henry Earl, Zachary, La.
 Huntley, Elizabeth (McDonald), Jackson.
 Huff, Louise Howard, Farmington.
 Hyatt, Christiana, Springfield.
 Johnson, Ethel L. (Kitchell), 3160 Keokuk St., St. Louis.
 Langdon, Blanche, San Diego.
 Latham, Eloise Sarah (Horton), Etoawah, Tenn.
 Leming, Rose Eva, Cape Girardeau.
 McCullough, Jesse A., Whitewater.
 Medley, Frederica, Poplar Bluff.

- Mitchell, Lily Alma, De Soto.
 Montgomery, Augusta, Piedmont.
 Morie, Alma F. (Glover), Rush Springs, Oklahoma.
 Needham, John Bransford, Elvins.
 Nichols, Orvil, St. Louis.
 O'Bannon, Mayme (Settle), Greenville.
 *Patton, Warren, Cape Girardeau.
 Penzel, Emil Emanuel, Jackson.
 Proffer, Beulah Myrtle (McCullough), Whitewater.
 Pruitt, William Henry, Malden.
 Rau, Wm. August, Fornfelt.
 Russell, Effie, East Prairie.
 Shaner, Melville Wesley, 313 E. Jefferson St., Los Angeles, Calif.
 Sharp, Mattie B. (Nations), Jefferson City.
 Spence, Elbert Lafayette, Kennett.
 Spohrer, Frank Otto, Warrenton.
 Steele, Edwin Paul, Flat River.
 Underwood, Berda Mae (Hope), Flat River.
 Williams, Paul Raymond, Cape Girardeau.
 Wilson, Chas. Greene, Cape Girardeau.
 Whitten, Albertine (Wilkinson), Holden.
 Wolpers, John Henry, Bonne Terre.
- 1909.**
- Arnold, Edna Lucille, Globe, Ariz.
 Baker, Avis, Cape Girardeau.
 Barks, James Alexander, Cape Girardeau
 Barton, Florence, Collegio Americano, Petropolis, Brazil, S. A.
 Blom, Edward Charles, Columbia.
 Brantley, Willie Bell, Valley Park.
 Brent, Lena Lucinda, Farmington.
 Brown, Ralph Lyman, Cape Girardeau.
 Chenue, Evelyn (Marshall), Poplar Bluff.
 Colwell, Dora, 1316 Clara St., St. Louis.
 Cramer, Harriet Jane, Jackson.
 Davis, Elizabeth Waples, Cape Girardeau.
 Davis, Sara Lucretia (O'Connell), St. Louis.
 Dearmont, Russell Lee, Cape Girardeau.
 Dodson, Ora Jessie (Keaton), Cairo, Ill.
 Ellis, James Fernando, Piggott, Ark.
 Gardiner, William, Advance.
 Graham, Clara Edwards, Charleston.
 Green, George Herbert, 6189 Kingsbury Bl., St. Louis.
- Guese, Edward George, Jackson.
 Hays, Lydia Marie (Courleux), 902 S. 18th St., Birmingham, Ala.
 Henson, Lydia May, Fredericktown.
 Hargrove, Oscar Lee, Normal University, Las Vegas, N. M.
 Henderson, Amy Nell (Ely), Kennett
 Hoffman, Clara Luella, Cape Girardeau.
 Hooss, Ida Mina, Perryville.
 Huters, Anna Olga (Woods), Cape Girardeau.
 Irion, Cornelia, Cape Girardeau.
 Johnson, Carrie (Woodburn), Cape Girardeau.
 Kochtitzky, Irma Electra, Cape Girardeau.
 Leeper, Bessie Baker, Greenville.
 McAnally, Edward Davis, Kennett.
 McGee, Hubert Andrew, Marion, Ark.
 McKay, James Clyde, Kennett.
 McMullin, Emma Medora, Hillsboro.
 Macom, Lloyd Denny, Jackson.
 Masterson, Lucy, Cape Girardeau.
 Medley, Christine Belle, Normandy.
 Miller, Edwin Alex., Cape Girardeau.
 Mitchell, Thomas Harvell, Columbia.
 Mueller, Helen Brandes, Cape Girardeau.
 Nichols, Reuben Edward, Malden.
 Norman, Mavis Eunice (Arnold), 413 Center St., Evanston, Wyo.
 O'Connor, Annie Shane, Ironton.
 Pearce, Louise, Bonne Terre.
 Pemberton, Grace Olive, Webster Groves.
 Pemberton, Ina Mamie, Webster Groves.
 Pemberton, Mary Orr (Bartmess), Malden.
 Phillips, Henry Montgomery, Bloomfield.
 Pirtle, Nellie, Fredericktown.
 Richards, Gertrude Bramlette, Ithaca, N. Y.
 Richardson, Clara Dell, 5923 Theodosia Ave., St. Louis.
 Sebastian, Edna, Cape Girardeau.
 Schrader, Ella (Rogers), Cape Girardeau
 Spreckelmeyer, Florence, Berger.
 Strong, Jessie Marvin, Columbia.
 Sutton, James Elvis, Festus.
 Vasterling, Louise Marguerite (Himmelberger), Cape Girardeau.
 Vaughan, Ada (Chappell), St. Louis.
 Wilson, Mary Margaret (Blaine), Parma.
 Wiley, Edward Orlando, Campbell.

* Deceased.

1910.

Arnoldi, Mary Anna, Flat River.
 Beckman, Pauline Mary, Cape Girardeau.
 Blackwell, Jefferson Davis, Warrensburg.
 Booth, Hilda Medora, Hillsboro.
 Booth, Zoe, Dexter.
 Brent, Kate Eliza, Farmington.
 Brooks, Gladys Florence (Stivers), Cape Girardeau.
 Brucher, Lily Edith, Cape Girardeau.
 Buie, Thomas Isaac, Hornersville.
 Burns, Frances Elizabeth, Charleston.
 Carroll, Alice Philomene, Cape Girardeau.
 Cozzens, Jennie Lillian, Gordon, Texas.
 Cunningham, Leona, Cape Girardeau.
 Downs, Margaret Frances, Fredericktown.
 Duba, Frank, Allenton.
 Edwards, Lincoln, Klowa, Okla.
 Fisher, Lilly Georginia (Hopper), Zachary, La.
 Hale, Claude Sterling, Charleston.
 Hamil, Lillian Martha (Wolff), 393 Ashland Ave., St. Louis.
 Hines, Alma, Neelys Landing.
 Hoffman, Emma Louise, Cape Girardeau.
 Hull, Blanche Cleveland, Sulphur Springs.
 Jamison, William Herbert, Irondale.
 Juden, Mona Lee (Helm), Hayti.
 Kent, Sadie Trezevant, Cape Girardeau.
 Krueger, Nellie Elizabeth, Cape Girardeau.
 Lindsey, Florence Edna, 6424 Hobart Ave., St. Louis.
 Logan, Leslie Emory, McClure, Ill.
 Luckey, Viola, Dexter.
 McCain, Bessie Blanche, Cape Girardeau.
 McLain, Charles, Santa Margarita, Calif.
 McKnight, Flossie Myrtle, Chaffee.
 Matthews, Joe, Dexter.
 Medley, Maude Clara (Hope), Cape Girardeau.
 *Mills, Pearl Elsie, Poplar Bluff.
 Noland, Otto, Neelys Landing.
 Ogle, Myrtle (Palmer), 140 Breeze Terrace, Madison, Wis.
 Peck, Viola Ely, Webster Groves.
 Pemberton, Lillian Ethel, Webster Groves.

Phillips, Marion Martha, Kennett.
 Proffer, Elon, Matthews.
 Punch, Samuel Alfred, Doe Run.
 Ranney, Emma Belle, Cape Girardeau.
 Rector, Bertha Edith, Cape Girardeau.
 Scheniman, Harry Roy, Neelys Landing.
 Snyder, Elizabeth Rose (Adams), Cape Girardeau.
 Spreckelmeyer, Charlotte (Hall), Berger.
 Stewart, Thomas, Parma.
 Stoecker, Meta, Manchester.
 Taylor, Mary Peers, Farmington.
 Vandover, Grover Cleveland, Farmington.
 Vogelsanger, Helen, Cape Girardeau.
 Wiley, James Alvin, Morehouse.
 Wilson, Berta Lavena, Prichard, Ala.
 Wolters, Emma, Cape Girardeau.
 Williams, Mary Bernice, Jackson.

1911.

Abernathy, Earl Vest, Columbia.
 Armstrong, Iris, Little Rock, Ark.
 Atkins, Carolyn, Jackson.
 Bergmann, Lillian, Sikeston.
 Berry, Villa Flora, Cape Girardeau.
 Birdwell, Floy Josephine, Patterson.
 Boltze, Florence Mildred (Fitzgerald), Pensacola, Fla.
 Burgess, Justine Charlotte, De Soto.
 Bowman, Herbert Lloyd, Bloomfield.
 Carroll, Helen Courtney, Cape Girardeau.
 Collins, Nell, Cape Girardeau.
 Connelly, Lebelva, Jonesboro, Ark.
 Danuser, Christian Mathias, Esther.
 Deck, Isaac Jacob, Glen Allen.
 Ellis, Esther Mary (Henry), Oak Ridge.
 Dorst, Lillian Marion, Oakville.
 Dorroh, Nellie Lee, Caruthersville.
 Fink, Violet Clementine, Afton.
 Finley, Frances, Charleston.
 Fitzgerald, Thomas Austin, Pensacola, Florida.
 Friant, Regina Josephine, Cape Girardeau.
 Gahring, Delo May (Nevill), Dexter.
 Gilliland, Mary Leotia, Cooter.
 Graessle, Pauline Laura, 4130 Russell Ave., St. Louis.
 Hamil, Gertrude Louise, Fornfelt.
 Haldaman, Daniel Harrison, Pochontas.
 Harbison, Chester Clyde, Wichita, Kans.

* Deceased.

- Hawkins, Lucille Day (Bryan), Cape Girardeau.
 Hess, Caroline Marion, Sikeston.
 Hinchey, Margaret Allan, Cape Girardeau.
 Jones, Henry Lee, Desloge.
 Kanady, Lulu, Dexter.
 Kelley, Clara Mae, Cape Girardeau.
 Kochtitzky, Mary Wade, Cape Girardeau.
 Kurtz, Anna Rachel (Pigg), Chaonia.
 McDowell, James Clarence, Millersville.
 March, Ruby Omega, Bloomfield.
 Miller, Claude Wilburn, Jackson.
 Moser, Mildred May, Kirkwood.
 Morse, Julia Corinne, 6164 Berlin, St. Louis.
 Pease, Marjorie Hewitt, Poplar Bluff.
 Peck, Chester Roehl, Malden.
 Pickens, Maude Allen, Cape Girardeau.
 Ranney, Hawthorne Herbert, Richmond.
 Regenhardt, Norma Hermine, Cape Girardeau.
 Rockwell, Mae Ethel (Cravens), Lillbourn.
 Rutledge, Jettie Octavia (England), Rush Tower.
 Rogers, Nina Lynn (Milster), Jefferson Barracks.
 Smith, Alma, 1335a Hamilton Ave., St. Louis.
 Wahl, Margaret Frances, Valley Park, R. F. D. 15.
 Walters, Hazel, Cape Girardeau.
 Weber, Sarah Jane, Millville, N. J.
 Welker, Wilbur Marion, Marble Hill.
 Whitledge, William Pearl, Cape Girardeau.
 Wilhite, Blanche Shelton, Girls' High School, Atlanta, Ga.
 Wilkening, William Theodore, St. Louis.
 Williams, Josephine Ruth (Hall), Cape Girardeau.
 Zimmermann, Arnold William, Columbia.
 Zimmermann, Cullen Caswell, Marble Hill.
- 1912.**
- Abernathy, Duke Ewing, Lutesville.
 Andrews, Elpha, Fredericktown.
 Angel, Effie Dorothea, Patterson.
 Beatty, Charles Leonidas, Vilonia, Ark.
 Bennick, Walter Elmer, Oran.
 Bircher, Louis Jacob, 7157 Virginia Ave., St. Louis.
- Brauckman, Gladys Aurora, 6157 Elizabeth Ave., St. Louis.
 Brentzel, William Edward, Columbia.
 Browning, Ella, Jackson.
 Caldwell, Jean Ernestine, Cape Girardeau.
 Carter, Nelle Vivian, Dexter.
 Coil, Oscar Theodore, Webster Groves.
 Crosser, Minnie Ruth, Bloomfield.
 Eaker, Bascom Doddridge, Grassy.
 Evans, Emily Towl, Cape Girardeau.
 Ferguson, Oliver Jerome, Fredericktown.
 Fitzgerald, Edmund Nugent, Gerald.
 Fowlkes, Florence Hazel, Charleston.
 Fristoe, Nannie, St. Louis.
 Guthrie, Cornelia, Ozark, Ark.
 Haw, Anna Lou, Farmington.
 Hawkins, Anna Louise, Pacific.
 Herrington, James Seymour, Valley Park.
 Helmkampf, Clara Louise (Spivey), Valley Park.
 Henderson, Mabel Carrie, Jackson.
 Hoy, Louis Benjamin, Clarkton.
 Johnston, Ethel Elvin, Doniphan.
 Kinkead, James Everett, Farnfelt.
 Knott, George Benedict, Cape Girardeau.
 Lacey, Martha Lucille, Caruthersville.
 Lane, Florence Ella, Charleston.
 Lockhart, William Otto, Owensville.
 Magill, Minnie D., Richmond.
 Mathias, Oliver John, Ste. Genevieve.
 McPike, May, Leadwood.
 Meineke, Grover Cleveland, Hollywood.
 Meyer, John Logan, Bay.
 Miller, Alpha Maud, Portageville.
 Morrill, Eula Claire (Lightfoot), Chicago, Ill.
 Nichol, Anna Evelyn (Norwine), Flat River.
 *Orchard, Clara Grace (Sharp), Memphis.
 Phelan, William, Allenton.
 Phillips, Edna Pearl, Bloomfield.
 Phillips, Eldon Paul, Maplewood.
 Puterbaugh, Clara Savannah, Hiram, Arkansas.
 Rau, Ernest William, East St. Louis.
 Reaves, Joseph Walter, Perryville.
 Renner, Ida Georgiana, Bloomfield.
 Rhodes, Florence Lucille (Comer), Cape Girardeau.
 Schlueter, Walter Henry, Mokane.
 Signer, Gilbert Walter, Bismarck.

Stearns, Pearl Julian, East Prairie.
Steel, Mary Mildred, Flat River.
Stephens, Clyde Milton, Cornwall.
Stumpf, Alta Eleanore, Crystal City.
Sullivan, William Patrick, Illiopolis, Ill.
Terry, Bunney Ellen, Valley Park.
Vassier, Felecia Olive, Wellston.
West, Gertrude, Howell, Ind.
Williams, Helen Gladys, Jackson.
Whelpley, Cecilia, Akron, Ill.
Wilson, Ann Agnes, Cape Girardeau.

1913.

Abernathy, Aldrew Dale, Perryville.
Baird, Kittie (Doherty), Cape Girardeau.
Beckman, Robert B., Cae Girardeau.
Bishop, Lillie Bell, Clayton.
Bliss, Margaret Louise, St. Louis.
Brauckman, Grace Myrtle, Eureka.
Brentzel, Henry Reese, Columbia.
Brown, Bessie Eliza, Stillwater, Okla.
Brown, Egbert Eugene, Columbia.
Bruner, Willie Roberta, Safford, Ariz.
Clem, Corinne Vivienne, Eureka.
Clippard, Jacob Andrew, Livingston, Alabama.
Cotner, John B., Holland.
Cramer, Martha Teresa, Jackson.
Davault, Helen Emma, Ironton.
Davidson, Alvie Mae, 5012 Vernon, St. Louis.
Dearmont, Julian Scott, Cape Girardeau.
Duggins, Myrtle Belle, Perryville.
Elder, Sue, Caruthersville.
Flinn, Vera Irene, 5970 N. Market, St. Louis.
Franklin, Lillie A., Flat River.
Greene, Charles Wheeler, Elk City, Okla.
Haman, Edna, Cape Girardeau.
Heidel, Clara Emelia, Palmyra.
Helm, Maud Emelia, New Haven.
Hirsch, Katherine Ione, Cape Girardeau.
Holland, Alice Elizabeth, St. Louis.
Hope, Ethel Blanche, Pocahontas.
Hope, Virgie May, Pocahontas.
Hudler, Mary, 3041 Ivanhoe St., St. Louis.
Huters, Irma Helen, Cape Girardeau.
Ivy, Andrew Conway, Johns Hopkins Univ., Baltimore, Md.
Johnson, Ida Judith, Ironton.
Johnston, Essie Mayes, Caruthersville.
Joyce, Georgia Mildred, Cape Girardeau.
Knehans, Esther Lillie, De Soto.

Kochtitzky, Edna Leigh von, Cape Girardeau.
Leggett, Marvin Charles, Bismarck.
Limbaugh, Bessie Welling, Jackson.
Magee, Pearl, Bloomfield.
Martin, Mattie Berenice, Kirkwood.
Martin, William Edgar, 5510 Emerald Ave., St. Louis.
McClennen, Agnes Labaddie, Leasburg.
McCullough, James Anderson, Advance.
Milster, Ben Clyde, Jefferson Barracks.
Montgomery, Marshall Elmer, Morley.
Moon, Lydia Vivian, Bonne Terre.
Moore, Alvin Albert, Swinton.
Moore, Ethel, Bloomfield.
Morey, Mary Inez, Cape Girardeau.
Mudd, Myrtle Fredonia, Bonne Terre.
Oliver, Anna Louise, Caruthersville.
Owens, William Penn, Greenville.
Parrott, Oscar Blair, Denver, Colo.
Pemberton, Helen Evelyn, Webster Groves.
Phelan, Agnes Gertrude, Allenton.
Phelan, Bessie, Allenton.
Randles, Jennie Louretta, Poplar Bluff.
Reppy, Alison, Columbia.
Ringo, Fredonia Jane, Cape Girardeau.
Rinkel, Diza May, Festus.
Rodgers, Edmond Leslie, Avon.
Russell, Katie Ina, 1721 Front St., San Diego, Calif.
Samuel, Bessie Ellen, Jackson.
Sanders, Ruth, Caruthersville.
Schade, Oma Cleveland, Jackson.
Schaumburg, Elizabeth Anna, Maplewood.
Sebastian, Edithe, Cape Girardeau.
Sherer, Louretta Ruth, Blodgett.
Slicer, Nell, Kennett.
Smith, Ala Deane, Caledonia.
Smith, Grover Franklin, Sikeston.
Smith, Katie Lee, Platin.
Specking, Bernard Comer, Hancock School, St. Louis.
Stevenson, Arthur Lang, Sullivan.
Stoecker, Bertha May, Manchester.
Towler, Emmett, Patoka, Ill.
Trauernicht, Louise Johanna, Farmington.
Turner, Esther, Oak Ridge.
Walker, Annie, Cape Girardeau.
Walther, Eva Luella, De Soto.
Zingre, Louise, Clayton.

1914.

Abbott, Thomas Augustus, Cape Girardeau.
 Adams, Augusta Mae, Pocahtontas.
 Adams, Edward Randolph, Goodland.
 Altheide, Emma Amanda, Cape Girardeau.
 Altheuser, Lillian Hermina, Caledonia.
 Black, Creal, Morley.
 Blackledge, Grace Allayne, Commerce.
 Bowman, Vesta Elizabeth, Cape Girardeau.
 Boyce, Amy Lee, Cape Girardeau.
 Brucher, George William, Cape Girardeau.
 Byington, Pauline Haile, Farmington.
 Cook, Blanche Carlisle, Dexter.
 Cramer, Nelle, Jackson.
 Cozean, Frank Augustus, Morehouse.
 Davenport, Jesse A., Bernie.
 Davidson, Sarah Ann, Malden.
 Dorrenbach, Hilda, Neillsville, Wis.
 Drusch, Clara Lydia, Cape Girardeau.
 Dunn, Elsie, Sikeston.
 Frissell, Kate, Oak Ridge.
 Fulbright, Emra Alexander, Hornersville.
 Futrell, Pearl Juanita, Oak Ridge.
 Gaston, Renee, Morehouse.
 Graham, Pauline Laura, La Forge.
 Granger, Charles Welling, Esther.
 Grossman, Millicent, Jackson.
 Hall, Edward Christopher, Steffenville.
 Hampton, Nannie Jane, Kennett.
 Harnes, Alvin Russell, Cape Girardeau.
 Harrison, Blanche, Richmond.
 Hempstead, Mary Russell, Cape Girardeau.
 Hindman, Eunice Irene, Denver.
 Holman, Zella Myrtle, Turtle.
 Johnson, William Herman, Hayti.
 Kelso, Ruth, Hamilton Hotel, St. Louis.
 Lambert, Anna Bessie, Benton.
 Linkweiler, Erna, Cape Girardeau.
 McAnally, Thomas Jefferson, Kennett.
 McGee, Oscar Ezra, Webster Groves.
 McLain, Ada Esco, Waitsburg, Wash.
 McMullin, Katherine A., Dexter.
 Mahn, Mildred P., Bonne Terre.
 Mathews, Archie Marr, Jackson.
 Miller, Clara Zelphia, Cape Girardeau.

Mitchell, Hattie Celeste, Pine Lawn.
 Moore, Lora, Bloomfield.
 Morgan, John Pierpont, Marble Hill.
 Morgan, Ada Miller, Marble Hill.
 Morrison, Arthur Francis, Schalls.
 Morton, Grace Elsie, Leemon.
 Morton, Ruby Myrtle, Leemon.
 Owens, Richard Norman, Mill Spring.
 Pickens, Mamie Elizabeth, Cape Girardeau.
 Raebel, Alvina Augusta, Kimmswick.
 Rafferty, May Madane, Jackson.
 Ramsey, Stella, Aux Vasse.
 Reif, Florence Alice, Cape Girardeau.
 Rhodes, Irene, Greenville.
 Richey, Della Lee, Fredericktown.
 Russell, Adelaide, Cape Girardeau.
 Satterfield, Charles David, High Gate.
 Settle, Agnes Lucille, Cape Girardeau.
 Shy, Joseph January, Centerville.
 Smith, Afton, Platin.
 Smith, Ione Evelyn, Sikeston.
 Smyth, Ruth Irene, Caruthersville.
 Sprott, Eula Blanche, Caruthersville.
 Steward, Charles Elmer, Lowndes.
 Swan, Earl Monroe, Cape Girardeau.
 Thiemeyer, Lawrence Alexander, 4136 Michigan Ave., St. Louis.
 Town, Mildred, Cape Girardeau.
 Umbeck, Ella, Cape Girardeau.
 Walker, George Kenneth, Cuba.
 Wetzel, Eunice Mildred, Clayton.
 Zingre, Freda, Clayton.

**DIPLOMA FOR COMPLETION OF
MUSIC COURSE.**

1912.

Taylor, Viola E. (Bahn), Cape Girardeau.

1913.

Franklin, Lillie May, Flat River.

**DIPLOMA FOR COMPLETION OF
COURSE IN VOICE.**

1913.

Beckman, Pauline Mary, Cape Girardeau.
 Heidel, Clara Emelia, Palmyra.
 Russell, Adelaide, Cape Girardeau.

**ADDENDUM TO BACHELOR OF ARTS
Graduating August 14, 1915.**

Kelso, Ruth, St. Louis.

SUMMARY.

Number of students attending summer session of 1914.....	703
Number of students attending regular session of 1914-1915.....	801
Number of students attending both sessions	1504
Number of students counted twice.....	172
Number of individual students attending during the school year of 1914-1915	1332
Number of pupils in Training School.....	193
Number students and Training School pupils	1525

SUMMARY BY COUNTIES AND STATES.

June, 1914, to June, 1915.

COUNTIES.

Audrain	6	Pemiscot	34
Bollinger	52	Perry	37
Butler	32	Phelps	1
Callaway	1	Pike	1
Cape Girardeau	329	Randolph	1
Carter	17	Ray	3
Cooper	1	Reynolds	17
Crawford	16	Ripley	34
Dent	2	St. Charles	1
Dunklin	81	St. Francois	77
Franklin	36	Ste. Genevieve	23
Gasconade	28	St. Louis	77
Iron	22	Scott	42
Jasper	1	Shannon	11
Jefferson	47	Stoddard	97
Knox	1	Texas	2
Madison	23	Warren	1
Maries	4	Washington	23
Mississippi	31	Wayne	34
Monroe	2		
New Madrid	32		
Oregon	9		
		Total, 1289	

STATES.

Arkansas	17
Colorado	1
Illinois	12
Iowa	2
Louisiana	1
Missouri	1289
Oklahoma	4
South Carolina	1
Texas	1
Tennessee	2
Wisconsin	2

1332

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